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1968 DATA TABULATIONS AND SUMMARIES

DENVER

CAMP Continuous Air Monitoring Projects

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service

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DENVER

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service
National Air Pollution Control Administration
Division of Air Quality and Emission Data
Raleigh, North Carolina
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PREFACE

One of the Continuous Air Monitoring Projects of the National Air Surveillance Networks is to routinely operate continuous monitoring stations in six major cities. The data tabulations in this report consist of hourly average concentrations of six gaseous pollutants (carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants), and 2-hour measurements of soiling index levels in ~~Chicago~~ Denver during 1968. A brief summary of monthly means and maximums and graphs of seasonal diurnal patterns of gaseous pollutants at the ~~Chicago~~ Denver station are included. Annual frequency distributions of the data pertaining to gases and soiling index are presented for all six CAMP stations.

Summaries of 1968 data for Chicago, Cincinnati, Philadelphia, St. Louis, and Washington, D. C. are available from the National Air Pollution Control Administration. Similar data summaries have been published, along with various analyses and interpretative material, for previous years' operations.

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SECTION I
SUMMARY OF MONTHLY MEANS AND MAXIMUMS AND FREQUENCY DISTRIBUTIONS OF POLLUTANT CONCENTRATIONS

TABLE 1-1 : SUMMARY OF MONTHLY MEANS AND MAXIMUMS FOR CARBON MONOXIDE

DENVER 1968

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	16	A	15.	30	40.	30	18	64.	4	1640
FEB.	19	5.9	10.	7	30.	7	21	38.	20	825
MARCH	20	4.0	8.	22	18.	7	7	28.	7	745
APRIL	30	4.4	7.	5	15.	18	16	32.	24	740
MAY	31	4.5	7.	24	15.	8	7	21.	2	650
JUNE	28	4.8	8.	12	18.	7	15	27.	7	1455
JULY	16	A	5.	15	22.	15	7	27.	15	725
AUG.	24	4.3	7.	26	18.	19	6	26.	19	655
SEPT.	26	5.1	8.	23	23.	23	19	40.	20	640
OCT.	25	5.9	10.	25	29.	24	19	55.	10	640
NOV.	30	6.2	21.	20	79.	20	17	90.	20	1730
DEC.	28	7.3	17.	10	52.	23	17	76.	23	1710
YEAR	293	5.4	21.		79.			90.		

TABLE 1-2 : SUMMARY OF MONTHLY MEANS AND MAXIMUMS FOR NITRIC OXIDE

DENVER 1968

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	26	0.072	0.21	15	0.61	15	23	0.68	16	0
FEB.	21	0.041	0.11	7	0.40	7	21	0.41	7	2110
MARCH	24	0.019	0.04	16#	0.23	6	7	0.30	6	715
APRIL	27	0.020	0.04	5	0.14	8	7	0.20	8	800
MAY	31	0.014	0.04	16	0.11	8	6	0.15	1	5
JUNE	8	A	0.02	11	0.07	11	7	0.12	5	855
JULY	15	A	0.02	3	0.09	8	6	0.11	8	650
AUG.	7	A	0.03	20	0.14	19	6	0.19	22	535
SEPT.	21	0.024	0.09	23	0.22	24	7	0.29	24	700
OCT.	30	0.046	0.09	28	0.34	22	7	0.41	22	710
NOV.	26	0.055	0.10	15	0.41	25	8	0.50	25	805
DEC.	29	0.068	0.19	14#	0.50	26	8	0.68	26	810
YEAR	265	0.037	0.21		0.61			0.68		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT DATA
\# : INDICATES SATURDAY
\# : INDICATES SUNDAY

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TABLE 1-3 : SUMMARY OF MONTHLY MEANS AND MAXIMUMS FOR NITROGEN DIOXIDE

DENVER 1968

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	30	0.052	0.12	10	0.25	13*	16	0.38	10	1240
FEB.	15	A	0.06	9	0.10	9	12	0.13	9	1200
MARCH	28	0.030	0.06	6	0.13	7	10	0.14	7	900
APRIL	28	0.034	0.05	1	0.14	5	9	0.15	5	925
MAY	31	0.027	0.04	28	0.09	28	8	0.11	1	800
JUNE	29	0.029	0.04	3	0.10	5	8	0.14	5	815
JULY	18	0.031	0.05	30	0.12	15	8	0.18	15	800
AUG.	23	0.033	0.06	10*	0.12	2	8	0.15	30	745
SEPT.	23	0.033	0.06	23	0.12	23	9	0.14	23	910
OCT.	30	0.038	0.07	25	0.18	25	17	0.19	25	1745
NOV.	19	0.042	0.08	20	0.19	20	16	0.21	20	1600
DEC.	29	0.039	0.07	14*	0.27	10	10	0.31	10	1045
YEAR	303	0.036	0.12		0.27			0.38		

TABLE 1-4 : SUMMARY OF MONTHLY MEANS AND MAXIMUMS FOR SULFUR DIOXIDE

DENVER 1968

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	16	A	0.04	13*	0.10	13*	12	0.15	19	730
FEB.	25	0.002	0.01	5	0.05	5	9	0.12	27	125
MARCH	25	0.002	0.01	23*	0.08	23*	23	0.18	7	215
APRIL	9	A	0.01	6*	0.04	10	7	0.10	6*	255
MAY	12	A	0.02	28	0.05	31	6	0.11	28	2110
JUNE	15	A	0.02	2#	0.06	27	2	0.14	27	235
JULY	17	0.007	0.01	16	0.07	10	5	0.16	16	310
AUG.	18	0.010	0.02	30	0.08	30	3	0.15	20	555
SEPT.	28	0.016	0.04	18	0.11	1#	20	0.33	1#	2050
OCT.	25	0.022	0.04	10	0.20	9	23	0.50	9	2305
NOV.	26	0.027	0.05	4	0.24	4	3	1.81	29	1640
DEC.	30	0.010	0.04	10	0.14	15#	4	0.22	16	2350
YEAR	246	0.013	0.05		0.24			1.81		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

TABLE 1-5 : SUMMARY OF MONTHLY MEANS AND MAXIMUMS FOR HYDROCARBON

DENVER 1968

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	26	4.16	6.4	10	14.4	16	19	18.3	16	1950
FEB.	23	3.74	5.7	7	12.0	7	21	18.4	6	810
MARCH	29	2.90	4.2	16*	7.3	6	7	12.1	16*	820
APRIL	20	2.39	3.5	5	5.4	6*	3	13.3	6*	345
MAY	30	2.08	3.0	29	4.5	8	7	10.2	28	145
JUNE	25	2.47	3.5	29*	5.9	29*	1	13.5	28	1120
JULY	6	A	3.3	2	6.6	20*	11	7.9	20*	1125
AUG.	25	2.47	3.2	12	6.5	30	7	11.8	13	2155
SEPT.	29	2.40	3.4	30	7.2	23	19	18.5	20	635
OCT.	29	2.99	4.3	10	9.4	12*	20	18.7	17	1800
NOV.	30	3.06	6.1	20	17.3	20	17	18.4	20	1720
DEC.	18	3.37	6.4	24	13.0	16	8	18.4	24	1905
YEAR	290	2.89	6.4		17.3			18.7		

TABLE 1-6 : SUMMARY OF MONTHLY MEANS AND MAXIMUMS FOR TOTAL OXIDANT

DENVER 1968

MONTH	DAYS VALID DATA	MO. AVG. CONC. (PPM)	MAX. 24 HR. CONC. CONC. (PPM)	DAY	MAX. HRLY. AVG. CONC. CONC. (PPM)	DAY	HR.	MAX. 5 MIN. INST. CONC. CONC. (PPM)	DAY	TIME
JAN.	19	0.017	0.03	16	0.09	16	20	0.12	15	2340
FEB.	14	A	0.03	11#	0.07	7	12	0.09	21	1250
MARCH	14	A	0.05	31#	0.09	30*	9	0.12	30*	920
APRIL	26	0.040	0.06	7#	0.15	1	11	0.20	1	1145
MAY	25	0.038	0.05	5#	0.14	5#	10	0.21	5#	1025
JUNE	4	A	0.07	11	0.11	11	11	0.13	1*	1020
JULY	16	A	0.08	10	0.23	10	9	0.38	10	935
AUG.	7	A	0.05	21	0.08	21	11	0.11	21	1125
SEPT.	18	0.031	0.04	10	0.13	10	11	0.17	23	955
OCT.	22	0.034	0.07	25	0.26	25	14	0.43	25	1425
NOV.	24	0.019	0.03	25	0.11	3#	11	0.15	3#	1140
DEC.	29	0.016	0.04	24	0.12	24	13	0.15	14*	1155
YEAR	218	0.030	0.08		0.26			0.43		

A : AVERAGE NOT CALCULATED BECAUSE OF INSUFFICIENT DATA
* : INDICATES SATURDAY
# : INDICATES SUNDAY

Table 1-7. FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS
(5-minute values, concentration in parts per million)

City/pollutant	Valid data, %	Minimum	Frequency distribution, percent 10	30	50	70	90	95	98	99	Maximum	Arithmetic mean
CHICAGO												
CARBON MONOXIDE	65	0	1	3	5	7	13	16	20	24	57	6.2
NITRIC OXIDE	79	.00	.01	.03	.06	.09	.15	.18	.23	.28	.66	.071
NITROGEN DIOXIDE	78	.00	.03	.04	.05	.05	.07	.08	.10	.11	.29	.048
SULFUR DIOXIDE	80	.00	.01	.04	.08	.14	.28	.36	.48	.57	1.33	.117
HYDROCARBON	75	.0	1.9	2.3	2.7	3.2	4.1	4.7	5.6	6.6	17.3	2.90
TOTAL OXIDANT	55	.00	.00	.01	.02	.03	.05	.07	.09	.10	.47	.023
CINCINNATI												
CARBON MONOXIDE	57	0	3	4	5	6	9	11	15	31	45	5.6
NITRIC OXIDE	34	.00	.00	.01	.03	.06	.18	.27	.38	.46	1.26	.064
NITROGEN DIOXIDE	73	.00	.02	.02	.03	.04	.05	.06	.07	.08	1.19	.031
SULFUR DIOXIDE	76	.00	.00	.00	.01	.02	.04	.06	.08	.10	1.49	.017
HYDROCARBON	81	.5	1.7	2.0	2.2	2.6	4.0	5.1	6.5	7.4	18.1	2.58
TOTAL OXIDANT	26	.00	.00	.01	.02	.03	.05	.06	.08	.10	.19	.022
DENVER												
CARBON MONOXIDE	71	0	1	3	4	6	11	14	19	24	90	5.3
NITRIC OXIDE	62	.00	.00	.01	.02	.04	.10	.14	.21	.26	.68	.036
NITROGEN DIOXIDE	71	.00	.01	.02	.03	.04	.06	.07	.09	.11	.38	.036
SULFUR DIOXIDE	60	.00	.00	.00	.01	.02	.03	.04	.06	.08	1.81	.012
HYDROCARBON	71	.0	1.7	2.1	2.5	3.1	4.4	5.4	7.0	8.5	18.7	2.89
TOTAL OXIDANT	48	.00	.00	.01	.03	.04	.06	.07	.09	.11	.43	.029
PHILADELPHIA												
CARBON MONIXIDE	48	0	3	6	8	10	15	18	22	25	49	8.5
NITRIC OXIDE	70	.00	.00	.02	.03	.05	.12	.18	.28	.41	1.68	.054
NITROGEN DIOXIDE	77	.00	.02	.03	.03	.04	.07	.08	.10	.12	.22	.039
SULFUR DIOXIDE	89	.00	.01	.03	.05	.08	.19	.28	.40	.48	1.10	.080
HYDROCARBON	60	.0	1.3	1.6	1.9	2.3	3.3	4.1	5.1	5.9	13.3	2.14
TOTAL OXIDANT	42	.00	.00	.01	.02	.03	.05	.06	.08	.10	.31	.022
ST. LOUIS												
CARBON MONOXIDE	86	0	2	3	4	5	8	10	13	16	47	4.6
NITRIC OXIDE	66	.00	.00	.01	.02	.04	.08	.11	.16	.20	.44	.032
NITROGEN DIOXIDE	81	.00	.01	.02	.02	.03	.04	.05	.06	.07	.20	.023
SULFUR DIOXIDE	90	.00	.00	.00	.01	.03	.07	.11	.18	.23	1.33	.028
HYDROCARBON	89	.4	2.0	2.6	3.1	3.7	5.0	6.0	8.0	9.4	17.1	3.40
TOTAL OXIDANT	48	.00	.00	.01	.02	.03	.04	.05	.07	.08	.37	.022
WASHINGTON D.C.												
CARBON MONOXIDE	82	0	1	2	3	4	6	8	11	14	59	3.3
NITRIC OXIDE	71	.00	.00	.01	.01	.03	.08	.13	.23	.33	.76	.035
NITROGEN DIOXIDE	64	.00	.02	.03	.04	.05	.08	.09	.11	.12	.26	.047
SULFUR DIOXIDE	74	.00	.00	.00	.02	.05	.10	.13	.17	.20	.47	.036
HYDROCARBON	82	.0	1.6	1.8	2.0	2.3	3.0	3.6	4.9	6.0	18.6	2.23
TOTAL OXIDANT	59	.00	.00	.01	.02	.03	.06	.08	.10	.12	.29	.027

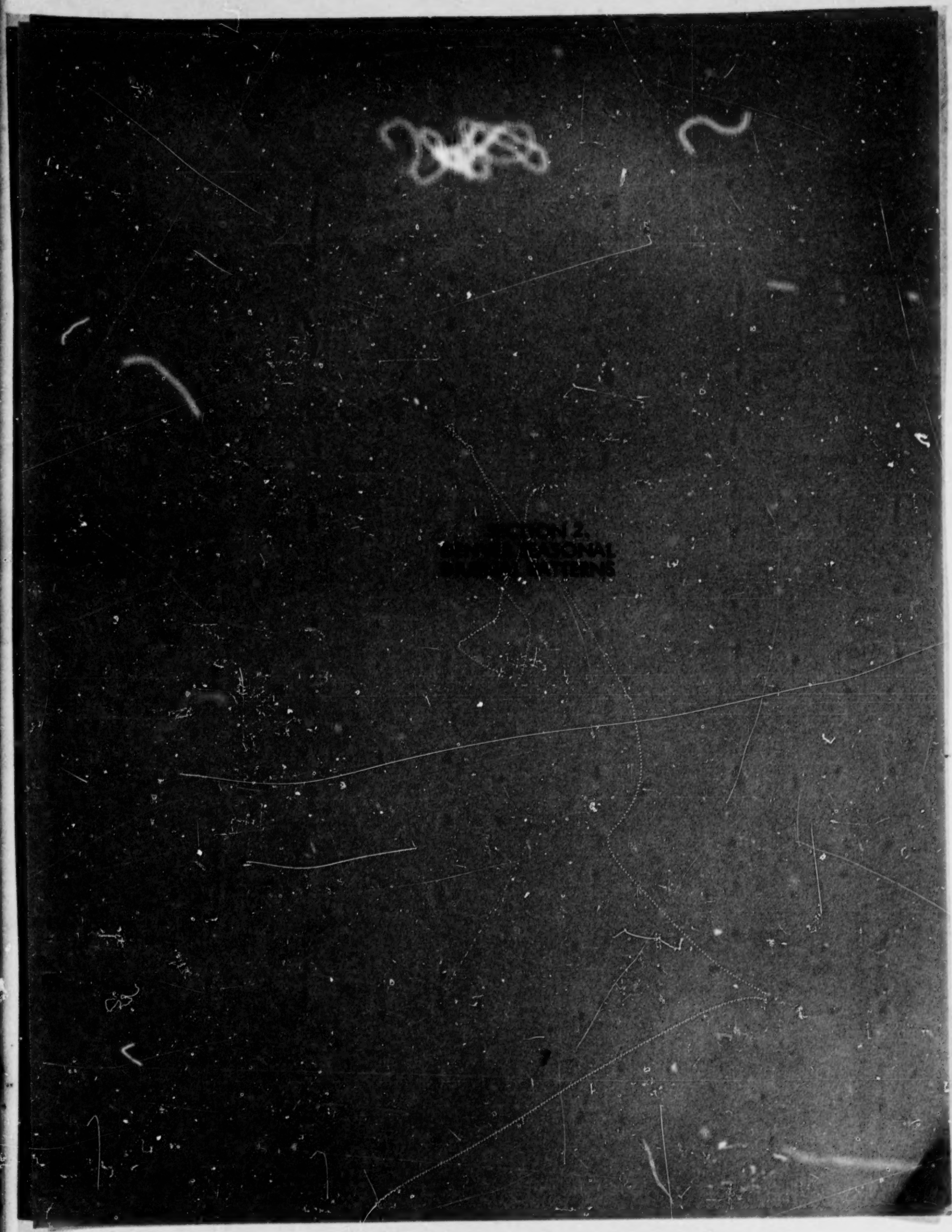
Table 1-8. FREQUENCY DISTRIBUTION OF SOILING INDEX
(2-hour measurements, concentration in COHS/1000 lineal feet)

(CONCENTRATION IN COHS/1000 LIN. FT.)

CITY	VALID DATA*	MIN	FREQUENCY DISTRIBUTION-PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
CHICAGO	100	.0	.5	.9	1.2	1.6	2.3	2.8	3.6	4.1	8.2	1.35
CINCINNATI	95	.0	.2	.5	.7	1.0	1.7	2.2	2.8	3.3	5.6	.87
PHILADELPHIA	100	.0	.3	.6	.8	1.1	1.8	2.2	2.9	3.6	5.6	.95
WASHINGTON, D C	90	.0	.4	.6	.9	1.2	2.0	2.5	3.1	3.6	6.6	1.06
ST LOUIS	80	.0	.2	.4	.6	.8	1.4	1.8	2.3	2.7	4.7	.73
DENVER	75	.0	.2	.4	.6	.9	1.7	2.2	2.9	3.3	6.8	.80

* REPORTED TO NEAREST FIVE PERCENT

VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE



DENVER SEASONAL DIURNAL PATTERNS

Figures 1 through 6 are graphs showing the seasonal diurnal patterns for carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons and total oxidants, respectively. Each figure contains four curves, one representing each season, as follows: long-dashed line for summer, short-dashed line for autumn, mixed-dashed line for winter, and solid line for spring.

Each curve represents a composite of the approximately 90 daily patterns in each season plotted by computer using 15-minute averages derived from the basic 5-minute measurements. Dotted lines indicate portions of the curve for which insufficient data are available to provide a valid seasonal average.

The seasons are defined as follows: Winter consists of December, 1967, and January and February, 1968; spring consists of March, April, May; summer consists of June, July, and August; and autumn consists of September, October and November, 1968.

It should be noted that CAMP stations operate on a Standard Time basis. Consequently, during the seasons of Daylight Savings Time, 1-hour shifts may be noted in diurnal patterns of certain pollutants because of a shift in the patterns of human activity that generates these pollutants.

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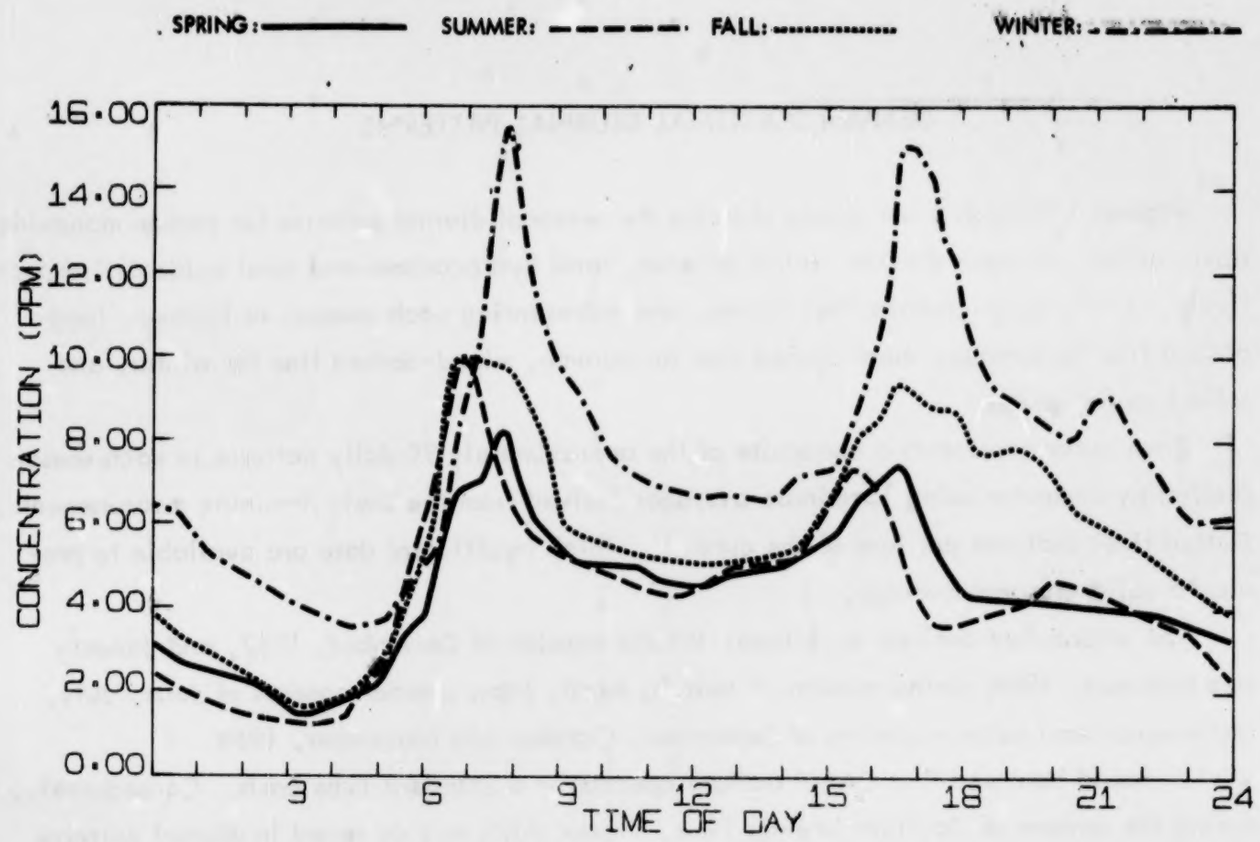

FIGURE 1. SEASONAL DIURNAL PATTERNS OF CARBON MONOXIDE CONCENTRATIONS

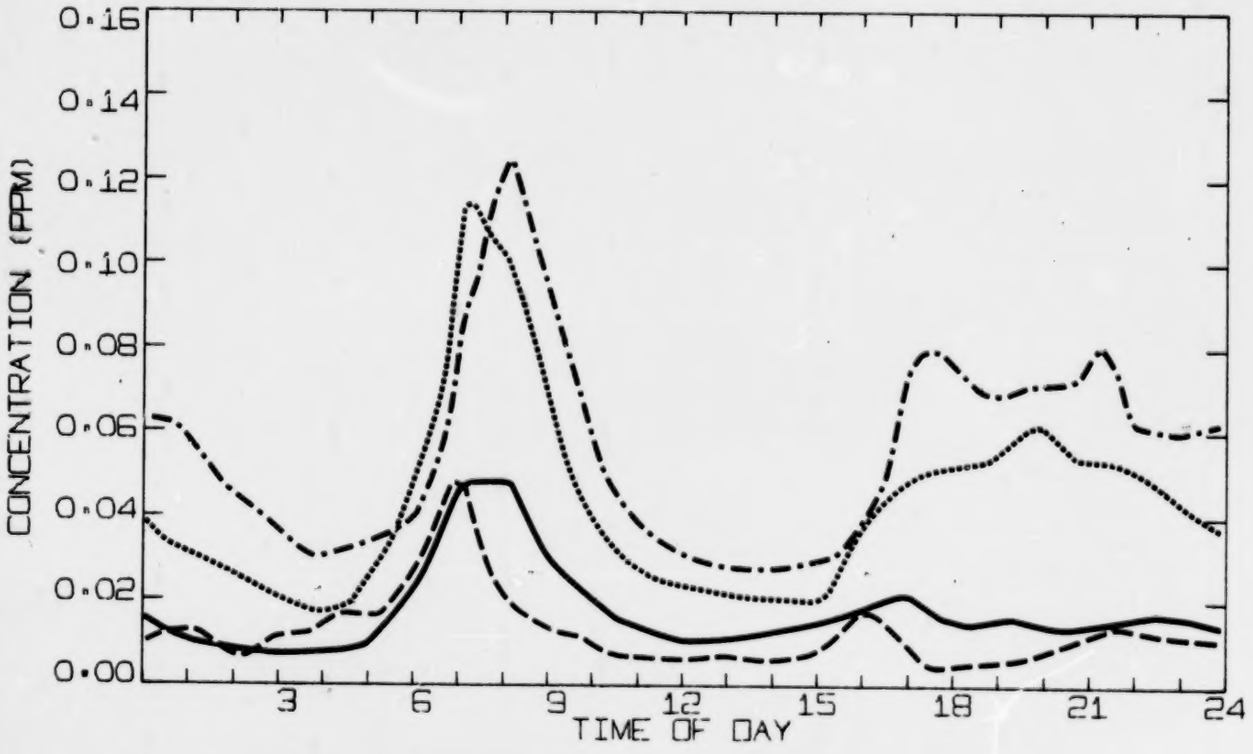

FIGURE 2. SEASONAL DIURNAL PATTERNS OF NITRIC OXIDE CONCENTRATIONS

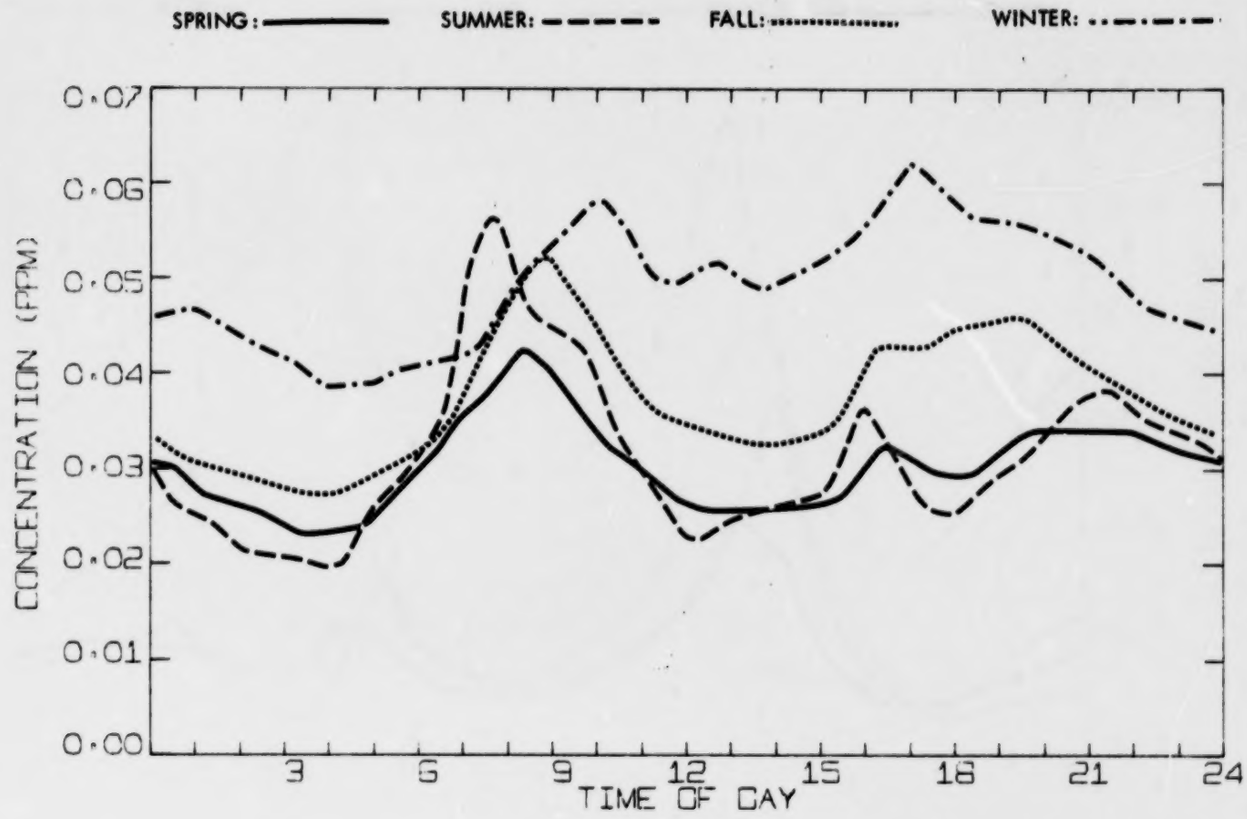

FIGURE 3. SEASONAL DIURNAL PATTERNS OF NITROGEN DIOXIDE CONCENTRATIONS

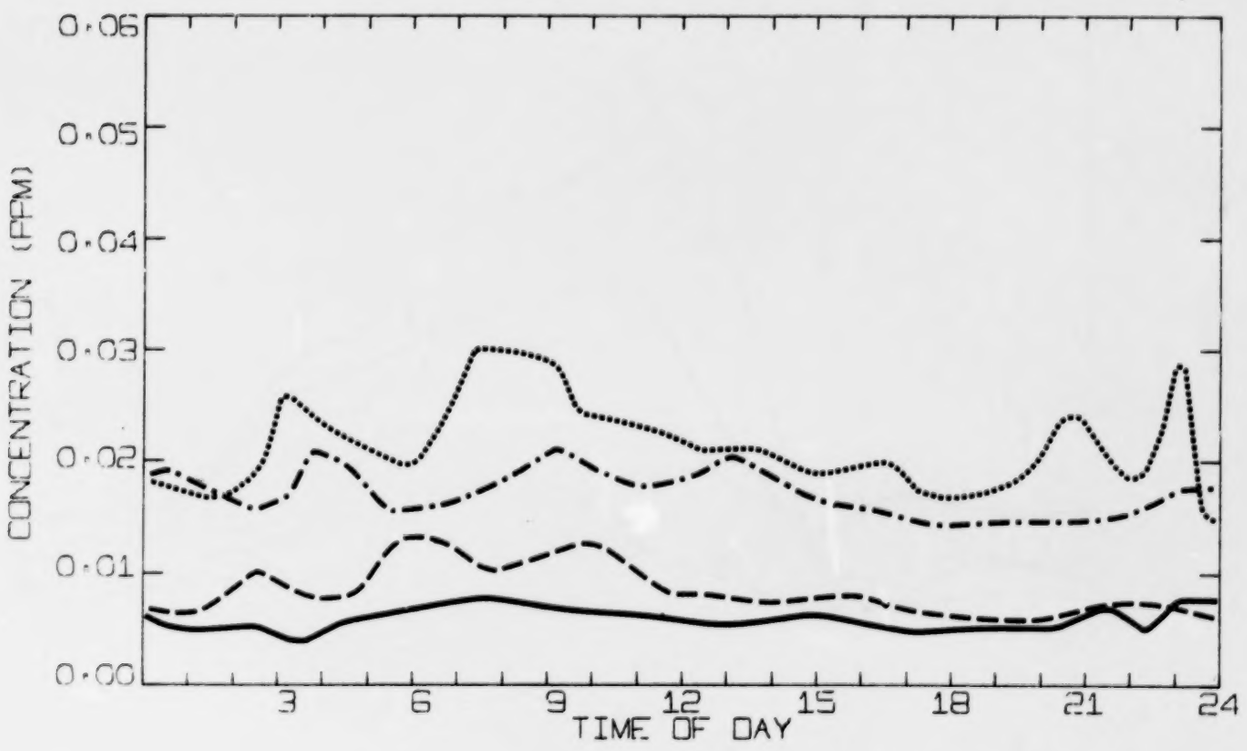

FIGURE 4. SEASONAL DIURNAL PATTERNS OF SULFUR DIOXIDE CONCENTRATIONS

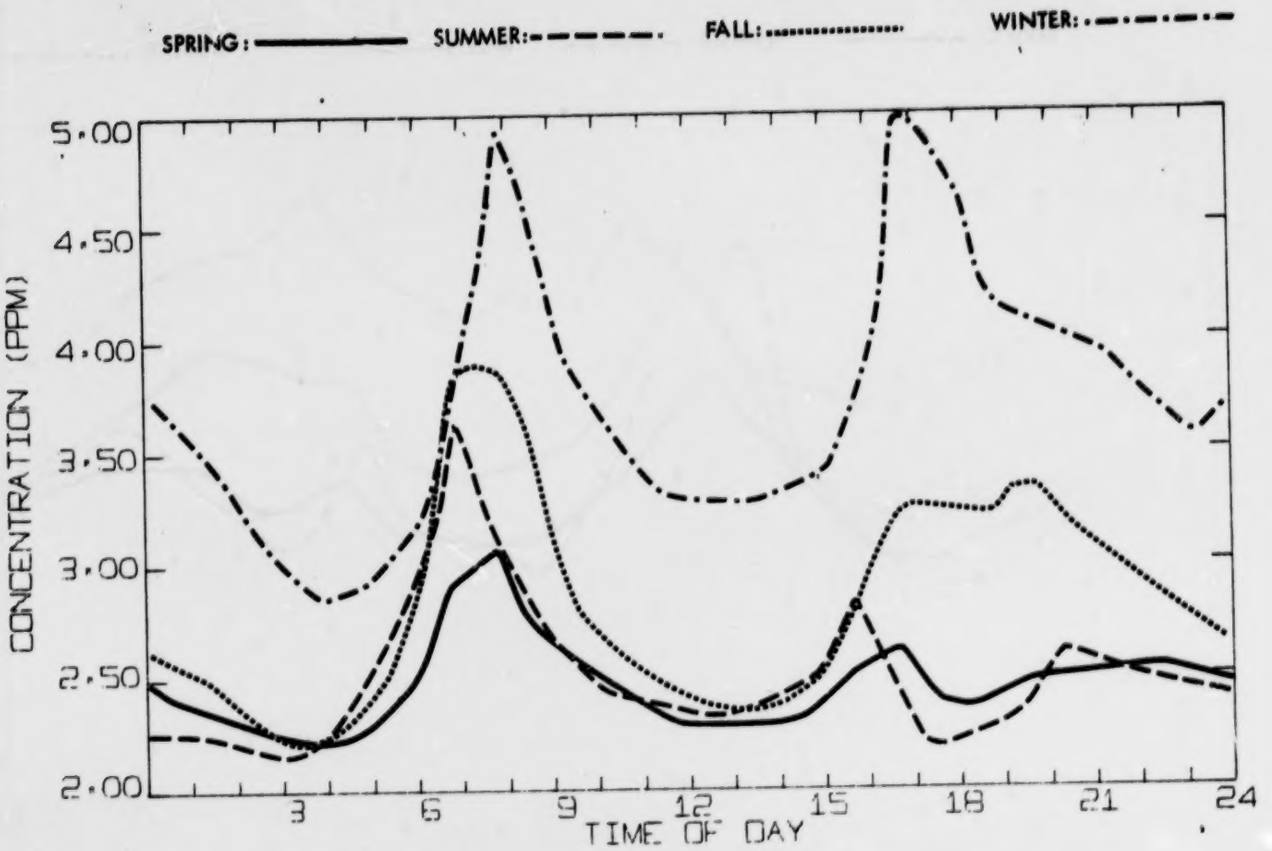

FIGURE 5. SEASONAL DIURNAL PATTERNS OF HYDROCARBON CONCENTRATIONS

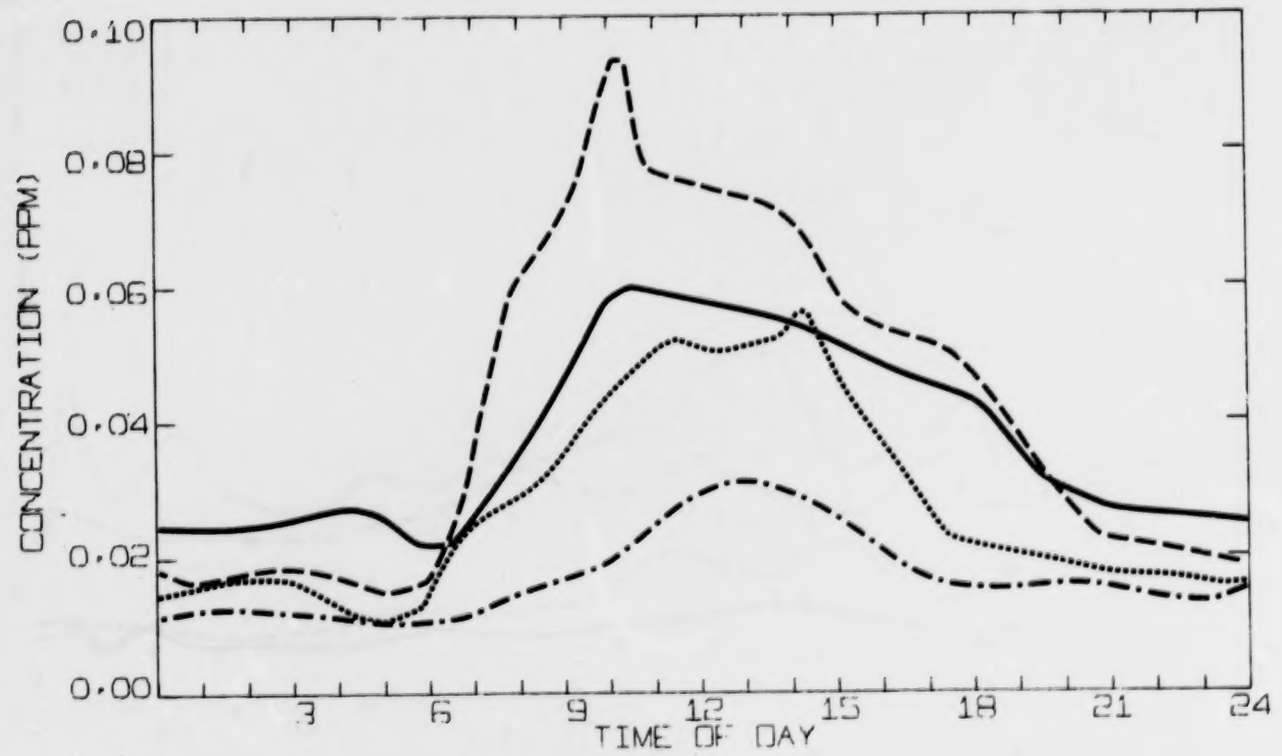

FIGURE 6. SEASONAL DIURNAL PATTERNS OF TOTAL OXIDANT CONCENTRATIONS

SECTION 3.
GASEOUS POLLUTANT DATA TABLES

GASEOUS POLLUTANT DATA TABLES

Data tables 3-1 through 3-72 present hourly average concentrations by month for the gaseous pollutants. Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An hourly average is not calculated if fewer than seven 5-minute values during the hour were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day, and the entire row of averages for the day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are lost are usually concentrated at the beginning or end of the day. Since the pollutant concentrations show considerable diurnal variation, the inclusion of such data would introduce a definite bias into the monthly mean concentrations.

The first summary line (titled MEAN) at the bottom of the tables contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column (titled DAILY MEAN) at the right of the tables is the arithmetic mean* of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid. The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

*The summary calculations are performed before the hourly averages are rounded.

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CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-1

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
JAN. 1968

DAY OF MONTH	A M												P M												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1			15	13	12	11	11	13	13	13	12	13	12	12	12	13	14	18	16	19	21	23	16	12	14.1	22	29
2																											
3																											
4		6	7	6	6	6	7	16	14	10	11	16	17	14	16	17	33	13	11	10	15	18	15	11	12.7	23	64
5		8	7	7	7	8	11					11	9	8	6	7	14	17	9	8	7	6	6	6	8.3	19	20
6*																											
7*																											
8																											
9		8	7	7	7	7	10	18	14	13	13	11	12	11	11	15	23	24	20	20	14	12	14	16	13.2	23	31
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*		2	2	5	5	6	6	6	6	6	6	6	5	5									6	5	5.1	15	6
21*	6	4	3	2	2	1	2	3	3	2	3	3	3	5	5	6	8	10	14	16	10	17	9	11	6.2	24	25
22	8	5	5	3	1	2	4	9	11	8	13	12	9	9	11	9	14	12	7	4	3	4	3	2	6.9	24	17
23	1	3	1	1	1	2	10	9				7	9	9	11	13	15	30	23	13	8	6	6	4	8.8	21	51
24	4	4	5	3	2	3	4	12	8	8	9	7	8	8	8	12	15	31	17	9	9	9	8	5	8.6	24	44
25	5	3	3	3	3	4	6	15	14	10	7	9	8	6	7	6	10	9	6	5	4	3	4	3	6.3	24	21
26	4	2	2	1	2	2	4	11	9	10	6	7	6	7	8	9	13	10	6	5	4	5	3	4	5.8	24	22
27*	4	3	3	3	2	3	4	4	6	8	9	10	7	6	5	7	6	6	7	5	8	8	8	11	5.9	24	14
28*	12	8	10	9	8	4	5	9	7	6	6	3	3	3	4	3	6	7	9	8	7	5	4	3	6.1	24	19
29	3	2	2	1	1	3	8	22	21	10	8	9	7	8	8	8	14	14	10	10	6	6	12	7	8.3	24	29
30	10	11	10	8	6	7	13	28	34			11	6	8	10	11	23	39	40	17	20	9	4	3	14.8	22	94
31	3	3	2	2	3	4	6	29	22	10	7	7	6	6	8	8	12	10	6	4	3	4	4	3	7.1	24	51
MEAN			5	4	4	4	7					9	8	8									8	7	8.6		
NO.	11	15	16	16	16	16	16	15	14	13	13	16	16	16	15	15	15	15	15	15	15	15	16	16		361	
MAX	12	11	15	13	12	11	13	29	34	13	13	16	17	14	16	17	33	39	40	20	21	23	16	16	14.8		64

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-2

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
INFRARED ANALYSIS

DENVER, COLO.

CARBON MONOXIDE
FEB. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	3		3	2	2	2	4	9	8	3	4	4	3	5	5	7	10	7	4	4	4	6	7	5	4.7	23	14
2	3	2	2	2	2	2	4	7	8	8	8			15	16	11	19	16	4	4	3	4	6	5	6.9	22	26
3*	12	9	11	9	3	3	8	13	8	7	11	10	11	6	5	4	4		6	8	7	7	5	3	7.3	23	21
4*	4	5	1	1	0	1	1	1	1	2	2	2	2	2	3	3	2	5	8	8	13	11	8	3	3.6	24	18
5																											
6																											
7	6	2	2	3	1	2	9	21	6	2	2	2	3	3	3	5	9	11	4	3	3	5	5	3	4.3	16	18
8									18	7	6	7	7	6	6	8	13	16	7	16	24	30	21	11	10.4	24	36
9																											
10*		4	4	2	2	2	3	7	8	8	7	7	7	6	6	5	5	7	10	16	23	20	6	6	7.4	23	33
11*	8	6	5	3	2	2	3	3	3	3	4	3	3	3	4	5	4	5	5	6	6	4	2	1	3.8	24	10
12	2	1	2	1	1	2	4		9	6	6	6	4	5	6	6	11	8	5	3	3	3	2	2	4.2	23	17
13	2	2	2	1	1	2	6	10	9			5	4	6	5	6	12	10	5	5	5	5	6	5	5.2	22	18
14	6	5	4	2	2	2	6	14	10	6	7	6	6	7	8	7	12	10	5	5	4	3	3	5	5.9	24	19
15	6	5	4	4	3	2	5	12		10	10	8	6	7	7	7	9	12	9	11	9	9	7	6	7.2	23	17
16	4	3	3	2	2	2	5	11	15	11	7	5	6	6	5	6	12	13	5	5	4	6	6	2	6.0	24	23
17*	2	2	2	2	2	2	3	6	6	4	5	5	4	3	5	4	4	8	8	6	6	8	8	5	4.5	24	15
18*	3	6	8	8	5	5	5	7	8	8	5	5	3	3	3	2	3	3	3	3	8	16	6	6	5.5	24	22
19	5	1	0	0	1	1	3	10	17				3	3	2	2	6	2	1	1	1	1	1	2	3.0	21	24
20	5	3	3	1	2	3	5	18	28	10	6	6	6	6	4	6	9	8	4	2	2	2	3	3	5.9	24	38
21	3	2	2	2	2	3	8	19	22	12	10	7	8	12	11	11	21	16	9	8	6	6	7	6	8.9	24	31
22	5	3	2	2	2	2	3	10	12	11	5	5	5	5	5	5	8	10	6	8	10	7	5	4	5.9	24	17
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
MEAN	5	4	3	3	2	2	5	10	11	7	6	5	5	6	6	6	9	9	6	6	7	8	6	4	5.9		
NO	17	17	18	18	18	18	18	17	18	17	17	17	18	19	19	19	19	18	19	19	19	19	19	19		436	
MAX	12	9	11	9	5	5	9	21	28	12	11	10	11	15	16	11	21	16	10	16	24	30	21	11	10.4		38

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-3

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MARCH 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2*																											
3*																											
4																											
5																											
6																									4.7	21	28
7		0	0	0	1	2	7	18		10	13	7	6		6	7	2	5	7	4	2	0	1	1	2.8	19	16
8	0	1	4	0	0	1	5					3	3	4	5	6	11	5	2	2	2	1	1				
9*																											
10*																											
11																											
12		0	0	0	0	0	1	5	3	4	4				4	6	14	12	4	4	5	5	5	5	4.0	20	24
13	4	3	3	1	0	1	3	12	11	9	7	7	7	4	5	6	8	10	16	14	11		5	7	6.7	23	26
14	1	1	3	0	0	1	5						3	3	2	5	5	3	0	2	2	1	2	1	2.1	19	12
15	1	1	0	1	0	1	4	11	8	3	2	2	3	4	4	5	9	9	9						4.1	19	18
16*																											
17*		8	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.6	23	15
18	0	0	0	0	0	2	4	12	9	3			3	4	3	3	4	3	2	3	2	1	1	1	2.8	22	20
19	1	1	1	1	1	1	3	9	9	7	4	3	4	4	4	4	7	6	2	1	1	1	1	0	3.0	24	20
20	0	0	0	0	0	0	2	8	9	5	4	2	4	4	5	6	9	7	4	2	3	2	1	1	3.3	24	17
21	1	1	1	1	1	2	5	5							9	9	14	12	10	7	6	6	7	5	5.6	18	24
22	6	5	5	5	5	6	7									8	9	9	7	9	11	10	10	7	7.5	16	16
23*	8	8	5	5	4	5	6	7	7	6	6	6	7	6	6	6	2	2	2	2	3	7	10	11	5.6	24	18
24*	12	9	8	6	4	2	3	5	5	4	4	4	4	4	4	2	4	1	3	2	0	3	5	2	4.1	24	15
25	0	1	0	0	1	1	2	13	9	5	2	4	4	5	7	6	10	7	7	6	5	9	8	8	4.9	24	25
26																											
27			1	0	1	1	8	14	8	4	3	5	5	4	3	5	8	4	4	3	2	3	6	2	4.3	22	18
28	1	0	0	0	0	1	1	9	9	3	4	1	2	4	7	6	7	6	4	2	2	3	6	5	3.5	24	17
29	7	6	2	0	4	5	7								7	8	12	11	7	7	8	8	8	6	6.5	17	17
30*	6	4	3	1	1	2	2	6	7	6	5	5	4	5	4	5	7			3		0	0	0	3.6	21	10
31*	0	1	0	1	3	0	0	2	3	4	4	3	4	4	6	5	6	3	0	1	2	2	4	4	2.5	24	7
MEAN	3	3	2	1	1	2	4	9					4		5	5	7	6	5	4	4	3	4	4	4.0		
NO.	16	19	20	20	20	20	20	16	14	15	14	14	16	15	19	20	20	19	19	19	18	18	19	18		428	
MAX	12	9	8	6	5	6	8	18	11	10	13	7	7	6	9	9	14	12	16	14	11	10	10	11	7.5		28

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-4

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
APRIL 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	1	0	3	0	2	1	1	8	13	13	12	10	3	1	1	1	3	1	6	6	5	5	3	0	4.4	24	18
2	0		3		1	1	5	5				7	6	6	5	9	11	8	5	5	4	3	2	3	4.5	20	22
3					2	2	3		8	7	4	4					10								4.5	20	14
4	2	4	2	2	2	2	4	10	6		5	5	4	5	6	6	11	7	4	3	3	3	3	2	5.0	23	18
5	4	4	4	3	3	3	5			5			6	7	5	7	14	12	6	5	4	4	5	4	6.7	19	23
6*	5	5	6	8	4	3	3	4	3	4	4	4	6	5	4	5	5	3	3	3	3	2	3	3	4.0	24	12
7*	3	2	3	1	2	1	1	2	2	2	4	2	2	2	2	2	2	2	2	2	2	1	2	2	2.0	24	5
8	3	3	3	2	3	5	7	11	7	4	4	6	4	5	5	6	9	9	6	5	5	6	6	3	5.2	24	24
9	3	2	2	2	1	2	3	5	6	4	4				6	5			5	5	4	5	4	4	3.7	19	9
10	4	2	2	2	1	3	3						4	5	5	6	10	7	4	6	6	4	8	8	4.7	19	15
11	4	2	2	1	1	2	3	9	8				4	5	4	6	11	9	6	5	6	6	3	5	4.9	21	25
12	5	5	3	1	0	1	3	5	7				5	4	5	4	5	6	5	4	2	4	5	4	4.0	21	9
13*	6	5	4	2	0	1	1	1	2	3	3	3	2	3	3	2	2	1	1	1	1	1	2	1	2.0	24	9
14*	1	2	1	0	0	0	0	1	2	1	1	0	1	1	1	1	4	4	4	4	5	1	8	6	2.2	24	10
15	4	3	3	3	4	3	6	11	13	7	8	7	7	8	9	12	13	7	5	5	5	5	5	7	6.7	24	20
16	5	4	5	5	5	5	9	14	9	6	7	7						6	5	4	3	2	1	0	5.5	19	17
17	1	0	0	0	1	3	6	14	12	7	8	5	6	8	8	9	12	11	4	3	4	3	2	2	5.4	24	19
18	2	1	1	0	1	2	4	7	6	8	8	9	8	9	9	9	15	11		5	5	4	4	3	5.8	23	20
19	3	1	2	1	2	3	6					6	6	9	5	4	6	9	3	4	4	5	8	10	4.6	20	17
20*		9	9	0	0	0	2	3	4	4	4	4	4	4	4	4	4	5	4	6	7	6	6	5	4.3	23	16
21*	4	2	3	1	0	2	3	2	2	3	3	3	3	3	4	4	5	4	5	4	3	3	2	1	2.7	24	8
22	1	0	0	0	1	1	4	9	10	9	6	7	6	6	6	7	10	6	4	3	3	3	4	3	4.5	24	14
23	4	3	3	2	1	2	3			5		4	5	5	5	5	8	7	5	5	6	5	5	4	4.4	21	10
24	3	2	2	2	1	2	5	13	14	11	9	7	5	6	5	7	14	8	7	5	5	5	5	4	6.1	24	32
25	2	1	1	1	1	2	5	12	8	5	4	4	4	5	4	6	9	8	4	4	2	2	2	2	4.0	24	17
26	3	1	2	1	1	2	4	9	6			4	4	5	6	7	9	5	5	5	7	5	3	5	4.4	22	15
27*	5	3	3	1	1	1	3	5	4	4	5	4	5	5	3	3	3	5	4	3	2	3	3	2	3.4	24	10
28*	3	1	3	2	2	3	2	1	1	1	2	3	3	3	5	4	3	3	3	5	5	6	3	1	2.9	24	9
29	1	1	1	1	2	5	14	11	6	5	5	5	5		5	6	6	3	4	6	7	5	3	2	4.6	23	22
30	1		0	0	1	3	7	10	7	6	6	5	4	6	6	9	6	4	4	8	8	5	7	6	4.9	24	17
MEAN	3	2	2	2	2	2	4	8	6	5	5	5	4	5	5	6	8	6	4	5	4	4	4	4	4.4		
NO.	28	29	29	29	30	30	30	25	25	23	22	25	27	27	29	29	28	29	29	30	30	30	30	30		673	
MAX.	6	9	9	8	5	5	14	14	14	12	10	9	8	9	9	12	15	12	8	9	8	9	10	10	6.7		32

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-5

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
MAY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	5	2	1	0	1	3	10	13	8	4	4	4	4	5	6	6	6	3	4	6	5	4	4	2	4.4	24	20
2	1	2	1	1	1	4	12	10			5	5	5	6	5	9	6	4	2	2	2	2	1	0	3.7	22	21
3	0	0	0	0	1	5	10	6	4	5	4	4	4	5	6	8	6	3	3	3	4	3	3		3.8	23	16
4*	3	3	3	3	4	2	3	4	3	4	4	4	3	3	3	3	3	2	2	4	4	3	2	2	3.1	24	8
5*	2	1	1	1	0	1	1	1	2	2	2	3	2	3	3	3	2	3	4	3	3	2	2	1	2.0	24	7
6	1	1	1	1	2	3	7	6	6	7	8	5	5	5	5	9	6	3	3	2	2	1	2	1	3.8	24	15
7	1	1	1	1	3	3						5	5	6	7	9	7	5	4	5	6	7	5	4	4.4	19	11
8	4	4	4	4	5	9	13	15	11	8	7	5	7	8	9	10	6	5	5	5	5	3	3	3	6.4	24	21
9	3	3	2	2	3	7	10	9	7	7	6	5	6	7	9	11	9	5	3	3	3	2	3	4	5.3	24	17
10	3	2	2	2	3	6	12			7		6	6	6	5	9	8	3	4	4	4	3	3	3	4.7	21	18
11*	3	3	2	2	2	3	3	3	4	4	4	4	4	5	4	5	4	3	4	5	4	4	4	4	3.6	24	9
12*	3	3	2	3	4	3	3	2	3	3	3	4	5	4	4	4	6	4	5	6	7	8	6	1	4.0	24	12
13	2	1	1	1	3	10	12		6	6	6	6	5	7	6	5	4	2	2	2	3	3	2	3	4.2	23	18
14	3	3	3	4	4	7			4	6	6	7	7	8	7	7	6	3	3	4	5	4	3	2	4.8	22	17
15	2	2	2	3	2	5	10	6	5	6	5	6	6	6	8	10	7	5	4	3	2	3	2	3	4.6	24	16
16	2	2	2	1	2	4			5	5	6	7	8	7	9	12	10	6	5	5	4	5	4	3	5.1	22	15
17	2	3	2	2	2	4	8	9	8	7	6	7	7	8	7	11	8	5	5	3	4	5	4	4	5.5	24	14
18*	3	3	2	2	2	3	3	5	6	6	5	5	5	4	5	5	5	5	4	5	5	5	4	4	4.1	24	10
19*	5	6	4	3	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3.7	24	9
20	2	2	2	3	3	5	13	12	9						5	10	9	5	4	5	5	5	4	3	5.5	19	17
21	2	4	2	2	3	4	7	7	7	7	6	6	6	6	6	9	7	4	5	5	5	4	2	2	4.8	24	13
22	1	1	1	1	2	5	10	8	8	6	5	5	6	7	7	9	6	4	3	3	3	2	2	2	4.5	24	14
23	1	2	1	1	1	3				5	6	7	6	6	7	9	7	3	3	3	3	3	2	2	3.9	21	12
24	2	2	2	2	2	5	14	13	12	8	5	5	6	11	12	12	8	6	5	5	5	6	9	9	6.9	24	21
25*	6	6	3	2	6	7	7	5	4	5	5	5	5	5	4	5	4	3	3	3	3	4	4	4	4.4	24	10
26*	3	2	2	1	1	2	2	2	2	3	3	3	3	3	4	3	3	3	5	5	6	4	3	2	2.9	24	11
27	1	1	2	2	3	7	9	8	7	5	6	6	6	5	6	7	7	4	4	5	3	3	5	5	4.8	24	13
28	4	2	2	2	3	5	11	11	10	6	6	5	5	5	6	8	6	4	4	5	5	4	4	2	5.1	24	19
29	2	1	1	2	4	5	9				7	6	7	8	10	9	9	6	6	9	8	9	11	11	6.6	21	17
30	7	6	3	3	2	2	3	3	4	4	4	4	4	4	3	3	3	4	4	4	3	5	2	2	3.6	24	11
31	2	2	2	1	2	5	12	9	7	7	7	7	7	7	6	11	9	5	5	8	4	3	3	3	5.5	24	19
MEAN	3	2	2	2	3	4	8	7	6	5	5	5	5	6	6	7	6	4	4	4	4	4	4	3	4.5		
NO.	31	31	31	31	31	31	27	24	26	27	28	30	30	30	31	31	31	31	31	31	31	31	31	30		717	
MAX.	7	6	4	4	6	10	14	15	12	8	8	7	8	11	12	12	10	6	6	9	8	9	11	11	6.9		21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-6

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JUNE 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	2		2	2	3	4	5	4	5	7	7	6	6	6	6	5	5	4	5	6	6	6	7	5	4.9	25	11
2*	7	6	3	3	2	2	2	2	3	4	3	3	4	5	4	4	3	4	5	7	6	8	4	4	4.0	24	12
3	3	1	1	1	2	6	10	12	7			4	7	5	6	7	5	3	4	3	5	5	4	2	4.7	22	18
4	1	2	0	0	1	8	10	8	7	6	6	5	6	7	5	6	5	3	5	5	5	5	3	2	4.6	24	15
5	0	1	0	2	2	6	11	13	8	5	6	5	6	6	7	9	5	4	5	5	5	7	4	7	5.4	24	16
6	0	1	1	1	1	4	8				6	5	5	5	7	9	7	4	4	3	4	4	4	2	4.0	21	14
7	1	3	4	4	4	8	16	10	7	6	6	5	6	8	16	18	10	5	5	5	6	6	6	5	7.0	24	27
8*	3	3	2	2	4	4	4	3	3	3	5	4	4	3	4	5	4	3	5	4	4	4	4	5	3.7	24	7
9*	5		2	1	2	2	3	2	2		3	3	3	3	4	4	3	3	2	4	4	2	2	3	2.8	22	8
10	1	1	1	1	2	6	12	14	6	6	6	5	4	6	7	10	8	6	3	3	3	3	3	5	5.1	24	21
11	3	4	2	3	3	6	14				6	6	7	8	7	9	9	5	5	8	9	6	9	9	6.6	21	18
12	7	4	4	4	4	8	14	14	10	9	6	7	7	7	8		8	6	7	8	7	8	9	7	7.6	23	22
13	6	4	4	4	4	6	12	14	10	8	6	7	9	8	9	10	8	6	6	7	9	9	7	6	7.4	24	20
14	6	5	4	4	5	7	14	10	9	7			4	7	7	8	8	4	4	4	2	2	2	2	5.6	22	19
15*	2	2	1	1	1	2	2	2	2	2	3	3	3	4	3	4	3	2	2	2	4	4	4	1	2.4	24	7
16*	1	2	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1.2	24	5
17	0	0	0	0	3	5	12	8	6				6	6	6	9	8	5	4	7	9	9	5	4	5.3	21	18
18	3	2	1	2	3				10	5	6	5	5	5	6			4	5	3	3	3	3	3	3.9	19	17
19	2	2	1	3								6	6	6	6	11	8	6	7	6	5	5	4	2	5.1	17	16
20	2	2	1	1	2	5	11						7	7	8	10	9	5	3	4	6	7	7	6	5.3	19	13
21	1	1	1	1	1	5	11	9	5	7	6	6	6	6	7	9	7	5	4	4	5	4	4	4	5.0	24	20
22*	3	3	3	2	2	7	7	5	6	5		2	3	3	3	2	3	4	3	2	3	2	3	4	3.5	23	10
23*	3	3	2	2	2	3	2	1	2	2	2	3	3	3	3	3	3	3	3	4	7	4	1	1	2.7	24	8
24	1	1	1	1	2	2	9	8	6	6	6	5	6	5	4	8	7	3	1	1	1	2	1	1	3.6	24	14
25	1	2	1	1	2	4	7					6	5	5	7	7	6				1			2	3.8	15	11
26	0	2	2	1		4	12	14	8	7	6	5	5	6	7	10	7		6	7	7	5	4	5	5.8	22	17
27	4		1	1		5	11	10	9	6	6	5	7	6	8	9	7	4	6	7	11	9	9	5	6.6	22	16
28			1	1	1		8			10	6	9	7	8	8	8	10			9	8			6	6.5	15	16
29*																											
30*																											
MEAN	3	2	2	2	2	5	9	8	6	6	5	5	5	5	6	8	6	4	4	5	5	5	4	4	4.8		
NO	27	24	28	28	25	25	26	21	22	20	21	25	28	28	28	26	27	25	26	27	28	26	26	28		615	
MAX	7	6	4	4	5	8	16	14	10	10	7	9	9	8	16	18	10	6	7	9	11	9	9	9	7.6		27

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-7

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
JULY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1																											
2																											
3		1	0	1			9							8		10	9	6	4	6	8	4	4	3	5.0	14	13
4	4	4	2		2	2	4	3	4		4	3	3	3		3	3		3						3.0	15	6
5																											
6*																											
7*																											
8																											
9																											
10		0	0	0	0	4	15	11	9	7	4	3		4	5	8	5	2	2	3	2	3	2	2	4.1	22	22
11	0	1	1	0	1	5	12	10	5	7	7	6	8	8	5	6	8	4	4	3	4	6	8	5	5.1	24	18
12	5	4	2	1	2	5	11	9	6					6	5	9	7	4	2	2	1	1	2	1	4.2	20	21
13*	0	1	1	0	1	2	3	4	4	3	3	3	2		2	2	3	2		2	4	4	2	2	2.3	22	6
14*	2	3	0	0	0	0	1	2	1	2	2	1	2	2	1	1	3	2			3	5		2	1.6	21	6
15	1	0	0	0	1	5	14	22	12	8	6	5	2	2	2	6	3	1	4	7	9	8		4	5.3	23	27
16	3	3	1	1	1	3	11	14				5	5	5	5	8	6	3	2	2	4	5	3	2	4.3	21	18
17	1	1	1	1	1	5	8	7	4	5	5	5	4	4		7	5	4	4	3	3	1	3	1	3.6	23	16
18	1	0	0	0	0	1	6					3	5	4	6	13	9	7	5	6	7	3	2	2	3.9	20	18
19	1	0	0	0	0	2	7					4	4	6	8	10	5	3	8	7	5	5	3	4	4.2	20	18
20*	2	3	0	0	0	0	3	5	6	5	4	3	2	1	3	2		1	2	2	4	3	3	2	2.4	23	10
21*	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		8	2	1	3	5	1.1	23	12
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30	0	0	0	0	0			9	2	2	2	2	5	3	4	7	3	1	2	1	1	0	1	0	2.0	22	17
31	0	0	0	0	0	1	4	4		1	1					6	4	1	1	3	1	0	0	0	1.5	19	13
MEAN	14	1	1													6											
NO	16	16	16	15	15	14	15	13	11	10	11	13	12	14	12	16	15	15	13	14	15	15	13	15		332	
MAX.	5	4	2	1	2	5	15	22	12	7	7	6	8	8	8	13	9	7	8	8	9	8	8	5	5.3		27

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

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Table 3-8

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
AUG. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	0	0	0	1	3	7	10	7	4	5	5	2	2	3		7	6		3	3	3	3	0	1	3.3	22	17
2	0	1	1	0	1	5	15	17	12	13	9	8	7	6	6	10	6	4	3	3	2	2	2	2	5.5	24	25
3*	1	1	1	0	0	2	3	4	4	4	3	4	3		3	3	2	2	4	5	6	6	7	5	3.0	23	14
4*	3	3	6	5	3	2	1	1	1	1	2	2	2	2	3	2	3	4	4		3	2	2	2	2.7	23	7
5	1	1	1	1	2	5	5	8	10	9	4	4	6	6	7	9	3	5							4.8	18	21
6										4	3	3	5	5	4	7	7	4	5	1	1	2	3	0	3.6	15	14
7	0	0	1	0	1	4	6	10	8	8	5	4	5	4	5	6	6	3	4	4	5	3	3	3	4.1	24	13
8	2	2	1	1	1	5	13	10	5	5	5	5	4	4	3	5	5		2	3	3	4	1	0	3.9	23	17
9	0	0	0	0	1	3	11	7	5	6	5	6		7	8										4.1	14	22
10*												3	3	4	3	4	3	3	2	2	0	1	2	1	2.5	13	15
11*		2	1								1	2	2	4	4	3		3	4	3	4	2	1	1	2.4	15	12
12	1	1	1	1	3	6	10	7			6	6	5	7	6	11	7	4			4	2	2		4.7	19	20
13	1	0	1	1	2	5	8	9	4	6	4					9	13	4	5	5	5	4	2	2	4.5	20	18
14		2	2	1	3	5	10	8	7	7	8	6	5	7	7	10	9	5	4	4	4	4	3	3	5.3	23	19
15	3	2	2	2	3	5	7		5	5	6	5	7	7	8	10	7	5	5	5	8	6	4	3	5.2	23	18
16	2		1	1	2	3	8	7	5	5	5	4	5	6	7	7	5	4	4	4	4	5	3	2	4.3	23	17
17*	2	2	2	1					2	4	4	4	3	3	3	3	3	3	2			3			2.8	16	8
18*		8	6	4	4	3	2					2	2	3	2	3	3	3	4	5	9	5	4	3	3.9	19	13
19	3	2		1	2	7	18	7	3	2	3	4	5			9	6	3	3	5	3	5	5	2	4.6	21	26
20	0	0	1	1	3	6		9	5	7				7	5	9	6		4	4	7	6	8	3	4.7	19	17
21		1		1	1	3	7	8		4	8	5		5	8	8	8	4		3			3	3	4.7	17	16
22																											
23																											
24*																											
25*																											
26								15	7	7	7	6	6	7	9	10	9	6	8	7	6	7	6	4	7.4	17	25
27	2	2	2		3	3		15					5	6	5	9	5	3	4	3	2	3	4	5	4.5	18	19
28	4	1	1	1	1	6	11	9	7	6	5	4	5	5	6	8	7	3	3	3	2	2	2	1	4.4	24	20
29																											
30																											
31*																											
MEAN	1	2	1	1	2	4	9	9	6	6	5	4	4	5	5	7	6	4	4	4	4	4	3	2	4.2		
NO	17	20	19	19	19	19	17	18	17	19	20	21	20	21	21	23	22	20	20	19	20	21	21	20		473	
MAX.	4	8	6	5	4	7	18	17	12	13	9	8	7	7	9	11	13	6	8	7	9	7	8	5	7.4		26

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-9

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
SEPT. 1968

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*																											
2																											
3						3	7	8	6				7	7	8	13	8	6	5	5	4	4	2	2	5.9	16	24
4	2	1	1	1	2	5	12	9	8	7	7	5	5	4	5	5	4	3	3	4	5	5	4	4	4.6	24	20
5	0	0	0	0	0	3	6	5	3				4	5	5	6	6	3	4	4	4	3	2	2	3.1	21	13
6	2	1	1	1	2	5	11	10	5	6	6	5	5	7	6	9	8	6	6	9	6	9	7	7	5.8	24	23
7*	3	3	1	2	2	2	4	4	5	5	4	4	4	5	4	5	4	3	3	4	3	3	3	3	3.3	24	9
8*	3	4	3	2	1	2	2	2	2	3	2	2	3	4	3	3	3	3	7	6	3	3	6	8	3.3	24	15
9	6	3	2	2	2	10	15	19	11	7	8	6	5	5	7	9	8	6	9	8	6	11	8	5	7.3	24	27
10	3	2	2	3	4	8	14				4	6	5	5	5	10	8	9	6	7	6	4	2	3	5.5	21	24
11	2	2	2	2	5	6	17	13	8	6	5	5	6	5	7	7	8	6	8	7	5	5	3	4	5.9	24	27
12	2	2	2	2	2	6						4	6	7	4	6	4	4	4	7	6	7	14	7	4.9	19	18
13	2	2	1	1	2	5	13	11	9	8	6	5	6	6	8	6	8	6	5	5	6	3	7	6	5.6	24	22
14*	5	3	1	1	1	1	3	5	5	6	4	4	4	4	4	5	5	5	5	5	6	5	3	3	3.9	24	12
15*	5	7	3	1	2	2	3	3	2	2	2	3	2	2	2	2	1	4	3	1	2	2	2	2	2.5	24	12
16	2	2	1	1	2	3	5	4	4		8	6	7	6	7	6	6	6	5	3	4	4	3	3	4.2	23	12
17	1	2	2	2	2	2	5	7	6	6	6	5	5	5	6	10	4	3	4	4	6	6	11	8	4.8	24	21
18	6	4	4	2	4	4	10	16	14		6	5	6	6	6	10	8	5	9	11	10	9	10	6	7.3	23	22
19	4	3	4	3	3	2						5	4	7	7	7	8	8	6	7	6	6	6	4	5.1	19	15
20	3	2	1	1	2	5	17	14	9	8				9	8	10	7	4	4	6	9	8	4	2	6.4	21	40
21*	4	2	2	1	2	8	8	5	5	5	5	4	5	6	5	4	4	3	4	2	2	2	3	3	3.9	24	14
22*	4	8	4	1	1	2	3	3	2	4	2	3	3	3	3	3	3	3	3	3	4	3	2	2	2.9	24	23
23	1	1	1	2	3	6	13	13	10			7	7	7	6	9	8	6	8	23	14	10	10	6	7.7	22	35
24	4	3	2	1	2	7	18	14	7	6	6	5	4	4	4	9	9	6	7	5	4	3	2	4	5.7	24	31
25	1								7	5	4	3	4	5	5	8	7	9	8	11	15	13	7	8	7.0	17	21
26	4	3	2	1	2	5	13	16	9	8			6	6	6	8	8	4	4	3	4				6.0	19	22
27																											
28*																											
29*											3	3	3	4	3	5	5	5	6	9	6	9	5	3	4.8	14	13
30	2	2	2	2	3	6	13	15	5	5	5				8	13	11	9	16	14	14	6	4	3	7.5	21	31
MEAN	3	3	2	1	2	4	10	9			5	4	5	5	5	7	6	5	6	7	6	6	5	4	5.1		
NO	24	23	23	23	23	24	22	21	22	17	19	21	24	25	26	26	26	26	26	26	26	25	25	25		568	
MAX	6	8	4	3	5	10	18	19	14	8	8	7	7	9	8	13	11	9	16	23	15	13	14	8	7.7		40

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

MORE

CONTINUOUS AIR MONITORING PROGRAM

Table 3-10

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
OCT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	3	2	1	0	2	7	13	6	4	4	8	7	5	5	6	9	4	4	2	2	8	12	7	5	5.3	24	23
2																											
3			2	1	4	6	12				5	5															
4	3	3	2	2	1	5	12	12	10	11	7	7	5	5	6	12	8	4	5	6	9	7		10	6.2	18	24
5*	3	7	7	3	1	2	5	4	3	4	4	4	6	11	11	16	7	2	2	4	2	3	3	3	5.9	24	31
													3	4	3	4	4	6	7	6	12	12	11	4	5.0	24	16
6*	7	4	3	2	1	2	2	2	2	2	3	3	4	3	4	4	3	7	13	22	13		3	3	4.8	23	32
7	4	3				18	25	22	7			4	6	7		13	11	6	5	7	5	5	3	3	8.5	18	42
8	2	3	2	2	3	5	11	7	6	5	8	7	10	6	10	19	11	5	5	3	4	4	3	2	5.9	24	28
9	2	2	2	2	2	3	15	10	9	7		5			8	12	10	8	7	9	7	5	4	5	6.2	21	36
10	4	3	5	5	4	6	28				13	14	12	10	8	12	14	13	22	16	8	7	6	5	10.1	21	55
11	2	2	1	2	3	7	21	21	11	8	9	5	5	6	7	9	7	7	6	9	7	10	12	17	8.0	24	32
12*	13	14	2	2	4	5	9	4	6	6	7		3	3	4	5	6	9	17	20	28	16	10	6	8.6	23	33
13*	6	7	4	3	2	1	2	2	2	3	4	3	2	3	3	3	7		9	12	10	7	5	5	4.5	23	16
14	1	0	0	0	3	3	12	8	8			5	6	7	7	10	7	9	4	3	3	3	3	1	4.7	22	20
15	1	1	1	1	3	7	16	9	6	6	8	5	6	7	7	8	8	3	2	1	1	0	1	0	4.5	24	38
16	0	0	1	1	1	5	13	10	5	5	7	6	4	6	5	7	5	2	2	1	2	1	1	1	3.9	24	23
17	0	0	0	0	0	2	7	8	6	5	3	3	4	5	6		6	3	1	1	2	2	2	3	3.0	23	18
18																											
19*																											
20*																											
21																											
22	1	1	1	1	2	7	16	19	8	8	8	6	7	6	5	8	5	3		3	1	2	2	3	5.4	23	34
23																											
24									5	5	6	5	5	9	6	11	13	15	16	29	16	7	5	4	9.8	16	36
25	4	3	3	3	4	7	16				6	7	6	6	11	14	23	25	19	21	11	8	7	6	9.9	21	36
26*	4	2	2	1		4	8	10	18	4	2	4	3	2	1	2	2	3	5	4	1	1	2	2	3.8	23	30
27*	1		0	0	1	1	1	1		1	2		2	2	2	2	3	8	13	8	6	5	4	6	3.2	21	22
28	7	0	0	0	0	1	4	12	13	8	6	5	6	5	7	8	14	11	11	12	9		2	1	6.1	23	27
29				0	0			6	6	3	4	4	2				14	12	10	8	6	5		2	5.5	15	24
30			0	0	1	0		9		6	5	7	4	6	5	9	12	12	6	5	6	7	4	3	5.3	20	21
31	2	2	2	1	1	1	6					5	3	5	5	5	12	8	5	4	5	4	3	4	4.1	20	16
MEAN	3	3	2	1	2	5	11	9	7	5	6	6	5	5	6	9	9	8	8	9	7	6	4	4	5.9		
NO.	21	20	22	23	22	23	22	20	19	19	21	23	24	23	23	23	25	24	24	25	25	23	23	25		542	
MAX.	13	14	7	5	4	18	28	22	18	11	13	14	12	11	11	19	23	25	22	29	28	16	12	17	10.1		55

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-11

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
NOV. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	3	2	2	2	3	4	7	15	13	5	7	7	6	5	7	10	15	8	5	5	6	7	5	3	6.3	24	29
2*	2	2	2	1	1	2	4	6	3	3	3			4	3	3	6	9	5	5	5	2	4	5	3.7	22	18
3*	2	2	4	4		4	4	5	3	4	4	4	3	3	4	4	5	8	11	11	3	6	6		4.7	22	16
4	4	6			3	2		24	24	11			8	6	5	8	12	11	6	3	3	3	5	6	7.8	19	40
5	7	2	2	2	2	2	5	8	7		4	5	4	5	4	6	11	7	3	2	1	1	1	0	3.9	23	33
6	1	0	0	0	0		2	8	5	4	3	4	3	6	7	10		13	5	6	2			2	4.0	20	22
7	2		2	2	1			5			6	9	8	9	9	9	17	18	13	9	11	14	13	10	8.7	19	37
8	7	4	4	5	2	2	8	16	14	6	6	7	6	7	6	8	11	9	8	6	6	3	5	5	6.8	24	26
9*	5	4	3	2	2	2	3	4		14	12	5	3	2	2	4	6	5	4	1	2	2	2	4	4.0	23	20
10*	3	3	3	2	1	1	1	2	1	1	2	1	3	3	2	3	3	5	4	3	4	3	2	2	2.3	24	8
11	1	1	1	1	1	1	3		15		13		6	3	4	6	4	8	9	8	9	8	4	2	5.2	21	25
12	4	2	2	2	1	3	5	7				5	7	7	9	9	9	8	6	11		4	1	2	5.1	20	23
13	5	5	5	3	3	2	2		11	3	3	3	3	4	7	11	17	12	3	2	4	5	3	2	5.1	23	32
14	2	2	1	1	2	2	4	10	11				4	5	5	7	13	10	6	5	4	4	5	7	5.2	21	22
15	4	4	3	3	2	2	5	16	15	10	12	14	9	9	11	9	18	17	8	10	8	10	13	14	9.3	24	28
16*	8	6	3	2	3	3	2	3	3	3	3	3	3	4	5	6	3		2			3	2	2	3.4	21	12
17*	4			2		1					2	2	3	2	2	2	3	3	3	3	2	2	2	2	2.4	17	10
18	2		1		2	2	4	9	12			8	8	6	9	12	21	11	14	15	17	9	5	2	8.4	20	33
19	2	3	5	2	2	4	9	22	25	12	5	5	4	5	7	7	15	20	9	6	6	7		2	8.0	23	44
20	1			1		5		39	35	16	7	8	17	12	14	19	40	79	59	25	7	5	3	3	19.7	20	90
21	2	1	2	2			4					5	4	4	6	12	21	26	14	21	13	22	22	8	10.4	18	40
22	7	3	2	1	1	1	3	8		5	5	12	13	10	5	6	6	3	2	5	4	4	5		5.0	22	26
23*	1	1	1				1		0		1	2	2	2	3	2	2	1	3	4	4	3	4	7	2.3	19	13
24*	8	7	6	3	3	3	1	3	2	1	2	2	3	4	3	2	3	4	6	6	6	9	8	5	4.1	24	13
25	6	4	4	2	4	5	7		46			4	2	2	2	2	6	5	1	3	4	2	1	2	5.3	21	64
26								14	11	7	8	5	6	4	5	6	12	19	19	15	8	7	5	6	9.3	17	27
27	6	6	5	2	1	2	4	14	12	10	10	8	5	7	7	11	25	20	12	4	2	1	2	1	7.3	24	49
28	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	6	6	6	3	1.4	24	12
29	2	1			0		1				6	7	7	8	8	9	16	15	11	8	9	6	4	7	7.0	18	27
30*	5	4	3	3	3	3	4	6	5	5	6	6	6	8	9	7	12	16	15	19	20	18	11	11	8.5	24	35
MEAN	4	3	3	2	2	2	4	10	12	6	5	5	5	5	6	7	11	13	9	8	6	6	5	4	6.1		
NO	29	25	25	25	24	24	25	23	23	19	24	26	29	30	30	30	29	29	30	29	28	29	28	28		641	
MAX	8	7	6	5	4	5	9	39	46	16	13	14	17	12	14	19	40	79	59	25	20	22	22	14	19.7		90

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

ALLIED CHEM CUSHING SYSTEMS

1057

CONTINUOUS AIR MONITORING PROGRAM

Table 3-12

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
INFRARED ANALYSIS

CARBON MONOXIDE
DEC. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	5		4	2	2	3	3	4	4	3	3	3	3	2	3	3	2	4	4	4	5	4	2	2	3.2	23	16
2	2	1	1	2	1	3	6		13					3	4	5	10	9	4	5	3	6	5	6	4.6	19	20
3	3	2	1	2	2	6	4	11	6	6	7	6	4	5	7	9	8	12	7	2	1	1	1	3	4.9	24	21
4	3	4	1	1	1	1	3	7	19	9	5	5	2	5	6	6	8	8	2	3	3	2	1	1	4.5	24	29
5	1	1	1	0	1	2	4	6	11	9		9	9	10	12	9	21	27	17	13	5	7	2	3	7.8	23	41
6	3	1	0	1	1	1	6	9	13	8	6	6	7	4	7	7	13	10	3	5	2	2	2	3	5.0	24	27
7*																											
8*																											
9																											
10		4	6	7		7	15	35		25	26	19	8	8	13	23	37	41	40	12	8	6	11	3	16.9	21	72
11	3	2	2	2	2	2	5	7	9	9	7	6	7	7	8	8	12	9	5	6	5	2	2	3	5.3	24	19
12	3	2	2	2	2	2	2	4			4	4	4	3	4	4	7	4	2	2	2	2	2	2	2.9	22	12
13	1	1	1	1	1	1	4	13	8	9	7	6	6	7	6	9	14	13	7	11	8	7	10	15	6.8	24	26
14*	17	14	15	15	14	10	8	8	9	9	12	13	11	11	8	8	10	14	17	16	19	30	29	19	14.1	24	35
15*	17	15	17	12	10	10	10	6	5	6	5	5	6	4	4	6	4	4	7	12	7	9	12	12	8.5	24	26
16	10	5	5	4	4	7	15	29	45		13	9	8	8	10	15	27	24	11	15	21	21	14	13	14.5	23	66
17	12	15	12	13	10	7	6	25	17	12	4	6	6	7	5	6	10	13	6	2	2	2	2	3	8.5	24	47
18	3	2	2	2	2	2	4	8	12	7	7	10	7	9	10	6	10	10	6	9	11	10	8	3	6.6	24	24
19	4	3	2	3	2	3	4	9				4	6	6	10	11	17	13	9	8	4	5	9	7	6.6	21	31
20	5	1	0	0	0	2	4	11	10	6	8	6	6	8	9	8	12	10	4	6	5	4	5	4	5.7	24	20
21*	5	3	3	3	2	2	3	3	5	3	4	4	5	5	5	6	5	3	4	3	3	3	3	3	3.7	24	13
22*	4	3	4	2	2	2	3	3	3	4	3	2	2	2	3	3	4	5	6	7	8	6	7	9	4.0	24	23
23	5	4	3	2	5	5	8	12	15	16	15			16	15	16	31	52	37	21	17	10	8	8	14.5	22	76
24	9	4	6	7	5	5	12	34	26	28	26	16	13	18	19	26	20	11	11	15	13	10	14	14	15.0	24	49
25	10	9	11	4	1	1	1	3	3	4	3	6	6	5	3	3	9	11	8	8	8	9	1	1	5.2	24	25
26	1	1	0	0	2	4	10	26	19	10	5	11	6	7	8	14	16	16	8	7	5	4	3	4	7.7	24	57
27	3	3	3	2	1	2	6	11				5	5	5	6	5	9	9	7	5	4	4	5	4	5.0	21	20
28*	3	3	3	3	2	2	3	5	7	6	5	8	6	3	5	4	3	3	5	3	1	5	11	14	4.7	24	20
29*	12	8	5	3	3	3	3	3	4	4	4	3	4	5	4	4	4	6	5	4	3	3	3	2	4.2	24	18
30	3	1	1	1	2	3	4	24	15			7	6	7	7	7	9	6	4	2	2	3	4	3	5.4	22	56
31	6	6	4	3	2	6	10	24	25	7	7	9	11	10	11	13	30	15	9	9	7	6	3	6	9.9	24	44
MEAN	6	4	4	3	3	4	6	13	13	9	8	7	6	7	8	9	13	13	9	8	6	6	6	6	7.3		
NO	27	27	28	28	27	28	28	27	24	22	23	26	26	28	28	28	28	28	28	28	28	28	28	28		649	
MAX	17	15	17	15	14	10	15	35	45	28	26	19	13	18	19	26	37	52	40	21	21	30	29	19	16.9		76

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-13

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JAN. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.15		.07	.04	.03	.03	.03	.06	.09	.07						.02	.04	.11	.08	.19	.27	.23	.07	.06	.090	18	.35
2	.03	.03	.00	.00	.00	.00	.03		.08	.05	.03	.04	.05	.06		.07	.10	.11	.07	.08	.09	.09	.04	.03	.050	22	.14
3	.05	.09	.13	.14	.19	.25	.17	.12	.23	.25	.12	.05	.03	.02		.09	.06	.02	.00				.02	.04	.101	20	.29
4	.03	.01	.01	.00	.00	.01	.02	.19	.17	.09	.11	.05	.03	.02											.049	14	.23
5	.03	.02	.01	.00	.00	.01	.03	.21	.20	.12	.06	.02	.02	.02			.06	.08	.05	.03	.01	.00	.00	.00	.045	22	.34
6*	.01	.00	.00	.00	.00	.00	.00	.00	.02	.02	.03	.07	.08	.03		.02	.05	.07	.09	.10	.08	.07	.10	.14	.042	23	.18
7*	.14	.10	.11	.19	.15	.15	.17	.20	.17	.18	.14	.07	.04	.03		.02	.04	.10	.14	.25	.30	.37	.22	.23	.151	23	.43
8	.30	.17	.11	.11	.05	.06	.07			.09	.06	.09					.09	.14	.09	.12	.08	.10	.02	.01	.098	18	.34
9	.04	.01	.00	.00	.01	.02	.06	.10	.11	.07	.07	.04	.04	.03			.10	.12	.13	.14	.07	.06	.08	.14	.065	22	.17
10	.18	.17	.14	.14	.18	.23												.07	.03	.00	.00	.01	.09	.15	.108	13	.26
11	.15	.20	.20	.11	.14	.18	.19	.21	.19	.10	.02	.00	.00	.00		.02	.03	.03		.00	.00	.00	.00	.01	.081	22	.24
12	.01		.01	.02	.02	.01	.03										.10	.17	.18	.21	.15	.10	.10	.20	.092	14	.24
13*	.18	.12	.07	.07	.10	.09	.09	.14	.16	.09	.07	.05	.08				.17	.26	.34	.17	.20	.13	.17	.10	.135	21	.49
14*																											
15									.22	.11	.07	.04	.03	.01		.04	.10	.28	.24	.34	.46	.21	.39	.61	.209	15	.64
16	.44	.37	.25	.06	.02	.02	.02		.18	.09	.06	.03	.00	.02			.05	.08	.17	.33	.45	.26	.11	.10	.146	21	.68
17	.07	.04	.02	.01	.01	.03	.03						.02	.02			.03	.03	.01	.01	.01	.01	.01	.01	.020	17	.08
18																											
19																											
20*																											
21*																											
22									.08	.05	.08	.10	.04	.05			.06	.08	.04	.03	.00	.01	.01	.02	.045	14	.12
23	.02	.02	.01	.00	.00	.00	.08	.12	.09	.07	.07	.03	.05	.02			.05	.12	.16	.07	.06	.01	.01	.02	.050	22	.28
24	.00	.01	.02	.00	.00	.00	.01	.07	.04	.04	.06	.05	.04				.02	.11	.15	.06	.05	.07	.05	.04	.042	21	.20
25	.01	.00	.00	.00	.00	.01	.02	.08	.12	.08	.05	.01	.01	.01		.00	.00	.01	.00	.00	.00	.00	.00	.00	.018	23	.13
26	.00	.00	.00	.00	.00	.00	.00	.03									.05	.05	.01	.01	.00	.00	.00	.00	.009	16	.06
27*	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.00	.00			.03	.01	.01	.01	.02	.05	.03	.06	.013	22	.14
28*	.12	.09	.08	.09	.12	.06	.06	.08	.10	.02	.01						.00	.00	.02	.04	.01	.02	.00	.00	.048	19	.15
29	.00	.00	.00	.00			.02	.18	.23	.08	.03	.02	.02	.01			.03	.05	.06	.08	.04	.02	.07	.04	.049	20	.29
30	.06	.15	.16	.13	.10	.06	.12	.28	.31	.32	.07	.02	.01	.00		.01	.05	.20	.31	.14	.14	.04	.00	.00	.116	23	.44
31	.00	.00	.00	.00	.00	.00	.01					.00	.00	.00			.02	.03	.01	.00	.00	.00	.00	.00	.004	18	.05
MEAN	.08	.07	.06	.05	.05	.05	.05	.12	.14	.10	.06	.04	.03	.02			.06	.09	.10	.10	.10	.08	.06	.08	.071		
NO	24	22	24	24	23	23	23	17	20	21	20	20	20	18		9	24	25	24	24	24	24	25	25		503	
MAX	.44	.37	.25	.19	.19	.25	.19	.28	.31	.32	.14	.10	.08	.06		.07	.17	.28	.34	.34	.46	.37	.39	.61	.209		.68

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

AGRO

CONTINUOUS AIR MONITORING PROGRAM

Table 3-14

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
FEB., 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.00	.00	.00				.00	.02	.02	.00	.00	.00	.00	.00			.02	.01	.00	.00	.00	.02	.03	.03	.007	19	.03
2	.01	.00	.00	.00	.00	.00	.01	.04	.05	.02	.04	.05	.05	.10			.08	.08	.02	.00	.00	.00	.01	.00	.025	22	.12
3*	.05	.06	.08	.08	.03	.02	.11	.17	.06	.05	.04	.04	.05	.02			.01	.01	.01	.05	.05	.05	.03	.00	.048	22	.23
4*	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.03	.06	.13	.15	.09	.03	.021	23	.18
5	.02	.00	.00	.00	.00	.01	.04										.03	.06	.05	.06	.10	.11	.04	.09	.041	15	.18
6	.15	.05	.01	.00	.00	.00	.02					.01	.01	.01			.03	.06	.03	.02	.02	.03	.05	.02	.029	18	.18
7	.07	.06	.02	.05	.02	.03	.10	.26	.25	.10	.03	.00	.00	.00		.02	.03	.08	.06	.11	.27	.40	.30	.15	.104	23	.41
8	.20	.13	.08	.07	.05	.04	.09	.19	.17	.10	.04	.03	.02				.02	.03	.03	.05	.08	.13	.07	.11	.082	21	.25
9	.05	.00	.07	.08	.03	.04	.03			.05	.04	.03	.03	.01			.02	.05	.05	.09	.09	.08	.06	.05	.046	20	.12
10*	.04	.04	.02	.00	.00	.02	.00	.01	.05	.07	.07	.00	.00	.00		.00	.00	.00	.02	.11	.16	.20	.05	.02	.038	23	.26
11*	.03	.03	.03	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.03	.00	.00	.008	23	.06
12	.00	.00	.00	.00	.00	.00	.01	.04	.05	.03	.02	.02	.01	.01			.04	.03	.00	.00	.00	.00	.00	.00	.012	22	.07
13																											
14																											
15																											
16																											
17*		.01	.01	.01	.01	.01	.04	.07	.08	.04	.05	.06	.08	.05			.03	.06	.08	.05	.05	.10	.11	.05	.049	21	.14
18*	.04	.05	.11	.12	.08	.10	.12	.13	.13	.14	.07	.05	.02	.00			.01	.01	.02	.01	.04	.16			.070	20	.17
19																											
20	.03	.02	.02	.01	.01	.02	.04	.13	.21	.09	.03	.02	.02	.02			.06	.04	.03	.01	.01	.01	.01	.01	.036	22	.25
21	.02	.02	.03	.01	.03	.04	.09	.21	.28	.25	.08	.04	.04	.09			.09	.11	.06	.04	.05	.03	.04	.05	.077	22	.30
22	.05	.01	.00	.00	.00	.00	.00	.07	.10	.09	.04	.04	.04	.04			.05	.09	.05	.06	.07	.10	.10	.10	.050	22	.11
23																											
24*	.03	.01	.00	.00	.00	.01	.04	.09	.07	.03	.01	.00	.00	.00		.00	.00	.00	.00	.02	.03	.02	.03	.08	.020	23	.14
25*	.09	.03	.04	.00	.01	.02	.07	.04	.02	.01	.00	.00	.00	.00		.00	.00	.00	.01	.01	.01	.02	.04	.02	.019	23	.12
26	.01	.01	.01	.00	.00	.01	.11	.26	.18	.09	.05	.06	.01	.00			.04	.05	.04	.04	.03	.03	.02	.03	.049	22	.28
27																											
28																											
29	.01	.00	.01	.00	.00	.00	.02										.03	.03	.01	.03	.02	.06		.03	.019	14	.08
MEAN	.04	.03	.03	.02	.01	.02	.05	.10	.10	.06	.03	.02	.02	.02			.03	.04	.03	.04	.06	.08	.06	.04	.041		
NO	20	21	21	20	20	20	21	17	17	18	18	19	19	18		6	21	21	21	21	21	21	19	20		440	
MAX	.20	.13	.11	.12	.08	.10	.12	.26	.28	.25	.08	.06	.08	.10		.02	.09	.11	.08	.11	.27	.40	.30	.15	.104		.41

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-15

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DENVER, COLO.

NITRIC OXIDE
MARCH 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1	.02	.01	.01	.01	.01	.02	.04	.09	.09	.08	.04	.00	.00	.01			.01	.03	.03	.03	.03	.08	.06	.07	.035	22	.13
2*	.12	.06	.03	.02	.02	.06	.09	.05	.03	.03	.01	.00	.00			.02	.01	.01	.00	.00	.00	.00	.00	.00	.025	22	.14
3*	.01	.00	.04	.02	.00		.01	.01	.01	.00	.00	.00	.00	.00		.00	.00	.01	.07	.09	.00	.00	.00	.00	.012	22	.12
4	.00	.00	.00	.00	.00				.06	.03			.00	.00			.01	.03	.05	.03	.02	.02	.07	.03	.020	17	.10
5	.00	.00	.00	.01	.00	.00	.05	.07	.06	.06	.02	.01	.00	.00			.01	.02	.01	.01	.01	.01	.04	.02	.018	22	.09
6	.01	.01	.00	.00	.00	.00	.04	.23				.00				.03	.07	.06	.07	.02	.02	.02	.03	.02	.034	18	.30
7	.01	.00	.00	.00	.00	.02	.06	.14	.15	.09	.07	.04	.02	.02		.02	.01	.01	.03	.04	.01	.00	.00	.00	.031	23	.19
8	.00	.00	.01	.00	.00	.01	.03	.10	.05	.01	.01	.01	.01	.01		.03	.05	.04	.02	.01	.01	.01	.01	.01	.019	23	.14
9*	.02	.02	.05	.03	.03	.03	.02	.03	.06	.05	.05	.05	.03	.03			.06	.05	.04	.03	.02	.01	.02	.03	.034	22	.07
10*	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.02	.02			.02	.02	.02	.02	.01	.02	.02	.01	.016	22	.03
11	.01	.01	.00	.00	.01	.01	.04	.10	.10		.06			.01			.06	.04	.02	.01	.01	.02	.01	.03	.028	19	.13
12	.02	.01	.01	.02	.05	.03	.06	.05	.07	.05	.02			.00			.02	.00	.00	.00	.00	.00	.00	.00	.019	20	.09
13	.00	.00	.00	.00	.00	.00	.00							.01			.00	.01	.05	.07	.06	.06	.03	.04	.021	16	.09
14	.00	.00	.01	.00	.00	.00	.03		.06	.01		.00	.01	.00		.01	.01	.01	.00	.01	.01	.01	.01	.01	.009	21	.09
15	.01	.00	.00	.00	.00	.01	.01	.05	.05	.01	.00	.01	.00	.00		.01	.02	.03	.03	.04	.02	.04	.01	.01	.016	23	.11
16*	.00	.00	.00	.00	.00	.00	.03	.11	.11	.10	.08	.05	.02	.02		.00	.00	.00	.02	.04	.06	.09	.10	.10	.041	23	.14
17*	.02	.09	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.18
18	.00	.00	.00	.00	.00	.01	.02	.06	.05	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.007	23	.12
19	.00	.00	.00	.00	.02	.01	.01						.01	.01		.00	.01	.01	.00	.00	.00	.00	.00	.00	.004	18	.02
20																											
21																											
22																											
23*																											
24*		.06	.06	.06	.04	.02	.02	.02	.02	.00	.00	.00	.00	.01			.01	.00	.01						.019	16	.08
25																											
26	.01	.00	.00	.00	.00	.00	.01	.03	.03	.01	.01	.01	.01	.01		.01	.02	.03	.01	.01	.01	.00	.01	.00	.010	23	.06
27																											
28																											
29	.02	.02	.01	.01	.01	.01	.01	.03	.08	.03	.02	.01	.01	.01		.01	.03	.04	.03	.02	.03	.02	.05	.03	.023	23	.09
30*	.02	.01	.01	.00	.00	.00	.01	.02	.03	.01	.01	.00	.01	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.03
31*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01		.01	.01	.00	.01	.02	.01	.01	.01	.00	.004	23	.03
MEAN	.01	.01	.01	.01	.01	.01	.03	.06	.05	.03	.02	.01	.01	.01			.02	.02	.02	.02	.01	.02	.02	.02	.019		
NO.	23	24	24	24	24	22	23	20	21	20	19	19	20	22	1	14	24	24	24	23	23	23	23	23		507	
MAX.	.12	.09	.06	.06	.05	.06	.09	.23	.15	.10	.08	.05	.03	.03	.00	.03	.07	.06	.07	.09	.06	.09	.10	.10	.041		.30

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

4961

CONTINUOUS AIR MONITORING PROGRAM

Table 3-16

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
APRIL 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.01		.02	.02	.01	.09	.13		.08	.04	.02	.01	.01	.01	.00	.01	.02	.02	.01	.01	.01	.01	.02	.01	.025	22	.14
2	.02	.01	.01	.01	.00	.01	.04		.07	.03	.01	.02	.01	.01			.03	.04	.02	.02	.01	.01	.00	.00	.018	21	.11
3	.01	.01	.00	.00	.00	.01	.01	.04	.06		.03	.02	.02	.02		.05	.04	.04	.03	.03	.01	.01	.01	.01	.020	22	.12
4																											
5								.09	.12	.07	.02	.01	.01	.01			.03	.05	.03	.05	.04	.03	.06	.03	.043	15	.14
6*	.02	.02	.02	.05	.05	.01	.00	.00	.00	.00	.00	.00	.01	.00		.00	.00	.01	.00	.01	.01	.00	.00	.00	.008	23	.12
7*	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.00	.00	.00	.00	.001	23	.01
8	.01	.02	.01	.02	.05	.06	.12	.14	.09	.04	.03	.03	.02	.02		.02	.05	.05	.03	.04	.02	.06	.06	.02	.043	23	.20
9	.02	.01	.01	.01	.00	.02	.02	.04	.03	.01	.01	.01	.01				.03	.04	.01	.02	.01	.01	.02	.01	.015	21	.06
10	.03	.01	.00	.00	.00	.01	.01	.05	.05	.04	.02	.00	.01	.01		.01	.03	.04	.02	.03	.04	.03	.05	.08	.024	23	.09
11	.04	.02	.01	.01	.00	.00	.02	.06				.00	.01	.01		.01	.03	.04	.03	.05	.04	.03	.02	.02	.021	20	.10
12	.03	.04	.02	.01	.00	.00	.02	.02	.03	.01	.01	.01	.02	.02			.01	.02	.01	.02	.01	.02	.04	.03	.017	22	.05
13*	.05	.05	.04	.09	.01	.01	.02	.02	.01	.02	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.015	23	.11
14*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00		.01	.00	.00	.00	.01	.02	.03	.06	.04	.008	23	.07
15	.02	.00	.00	.04	.02	.01	.03	.06		.01	.01	.01		.00		.02	.02	.01	.00	.00	.00	.00	.00	.01	.012	21	.12
16	.00	.00	.00	.00	.00	.00	.04	.06	.05							.01	.02	.02	.01	.01	.03	.00	.00	.00	.014	18	.07
17	.00	.00	.00	.00	.00	.00	.03	.10	.08	.05	.04	.03	.03	.04		.05	.07	.07	.03	.01	.01	.01	.01	.01	.028	23	.13
18	.01	.00	.00	.00	.00	.01	.02	.06	.06	.07	.05	.07	.05	.06			.09	.08	.05	.05	.04	.03	.03	.01	.037	22	.10
19	.01	.00	.00	.00	.00	.02	.04	.06	.05		.03	.04	.04					.04							.026	13	.09
20*																											
21*		.02	.02		.02	.02	.02	.02	.02	.02			.02	.02		.02	.02	.02	.02		.02	.02	.02	.02	.020	18	.02
22	.02	.02	.02	.02	.02	.02	.02		.07	.07	.04	.03	.04	.03		.04	.05	.03	.02	.01	.01	.01	.03	.01	.029	22	.09
23	.02	.00	.01	.00	.01	.00	.01	.03	.02	.02			.02	.02		.01	.01	.02	.01	.01	.01	.01	.01	.02	.013	21	.04
24	.03	.03	.01	.01	.00	.00	.03	.06					.02	.02		.02	.05	.05	.03	.03	.01	.02	.01	.02	.022	19	.07
25	.01	.00	.00	.00	.00	.01	.03	.07	.06	.03	.02	.02	.02	.02		.02	.04	.04	.02	.02	.01				.021	20	.10
26										.01		.01	.01	.01		.02	.02	.02	.02	.02	.03	.02	.01	.03	.017	13	.05
27*	.02	.01	.01	.00	.00	.00	.02	.03	.03	.02	.04	.02	.03	.03		.01	.01	.02	.03	.02	.02	.02	.02	.01	.018	23	.06
28*	.02	.02	.02	.02	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.05	.02	.00	.010	23	.05
29	.00	.00	.00	.00	.00	.03	.10	.10	.06	.02	.03	.02	.02	.03			.03	.01	.01	.01	.02	.02	.00	.01	.023	22	.16
30	.00	.00	.00	.00	.00	.01	.02	.05					.01	.01		.02	.02	.01	.01	.02	.04	.03	.05	.05	.020	19	.10
MEAN	.02	.01	.01	.01	.01	.01	.03	.05	.05	.03	.02	.02	.02	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.020		
NO	25	25	26	25	26	26	26	24	23	22	21	23	26	25	1	21	27	28	27	26	27	26	26	26		578	
MAX	.05	.05	.04	.09	.05	.09	.13	.14	.12	.07	.05	.07	.05	.06	.00	.05	.09	.08	.05	.05	.04	.06	.06	.08	.043		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-17

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
MAY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX.
1	.07	.01	.00	.00	.00	.03	.08	.08	.03	.02	.01	.01	.01	.01		.01	.02	.01	.01	.01	.01	.02	.01	.01	.020	23	.15
2	.00	.01	.00	.00	.01	.03	.08	.08	.05	.04	.02	.01	.01	.01											.025	14	.12
3								.04	.02	.02	.01	.01	.01	.01		.05	.04	.03	.01	.02	.02	.02	.01	.01	.020	16	.08
4*	.01	.01	.02	.03	.06	.03	.02	.02	.02	.01	.01	.01	.00	.00		.00	.00	.00	.00	.00	.01	.01	.01	.00	.011	23	.08
5*	.01	.01	.01	.00	.00	.00	.01	.01	.02	.02	.01	.00	.00	.01		.01	.00		.02	.01	.01	.01	.00	.00	.007	22	.04
6	.00	.00	.00	.00	.00	.02		.02	.02		.02	.01	.01	.01		.03	.03	.01	.03	.01	.02	.01	.00	.00	.012	21	.05
7	.00	.00	.00	.00	.00	.00	.02	.02	.01	.00	.00	.01	.01	.01		.03	.03	.01	.01	.01	.02	.04	.03	.01	.012	23	.05
8	.01	.01	.04	.03	.06	.08	.11						.02	.02		.03	.03	.01	.01	.01	.01	.01	.00	.01	.026	18	.12
9	.00	.00	.00	.00	.00	.02	.07	.07	.03	.02	.01	.00	.00	.00		.01	.02	.00	.00	.00	.00	.00	.00	.00	.010	23	.10
10	.00	.00	.00	.00	.00	.03	.08	.08	.04			.02	.03	.03		.04	.05	.03	.03	.02	.02	.02	.02	.02	.027	21	.12
11*	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02		.02	.01	.01	.01	.02	.02	.01	.02	.02	.015	23	.03
12*	.02	.01	.00	.02	.06	.04	.02	.03	.07	.03	.01	.01	.00	.00		.00	.01	.01	.01	.01	.02	.04	.05	.00	.020	23	.11
13	.00	.00	.00	.00	.00	.04	.06	.03	.01	.02	.01	.00	.00	.02			.00					.00		.00	.011	17	.09
14	.00	.00	.00	.03	.03	.03	.04	.03	.01	.01	.02	.01	.01	.01		.01	.01	.00	.00	.00	.01	.01	.01	.00	.012	23	.07
15	.00	.00	.00	.00	.00	.00	.02					.01	.02	.02		.04	.03	.02	.02	.01	.01	.01	.01	.02	.012	19	.04
16	.01	.01	.01	.01	.01	.02	.06	.09	.07	.05	.04	.05	.05	.05			.07	.04	.03	.02	.02	.02	.01	.03	.035	22	.12
17	.02	.00	.00	.00	.00	.03	.05	.06	.04	.02	.01	.02	.02	.02		.03	.03	.02	.01	.01	.01	.01	.01	.01	.018	23	.07
18*	.01	.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.01	.01	.00		.01	.01	.00	.00	.00	.01	.01	.01	.01	.006	23	.02
19*	.01	.02	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
20	.00	.00	.00	.00	.00	.01	.08	.07	.04	.03	.02	.01	.02	.01			.02	.01	.00	.00	.01	.01	.01	.01	.016	22	.10
21	.01	.01	.01	.00	.00	.02	.04	.04	.01		.00	.00	.00	.00		.01	.01	.00	.00	.00	.00	.00	.00	.00	.007	22	.05
22	.00	.00	.00	.00	.00	.01			.05	.02	.01	.01	.01	.01		.02	.01	.00	.00	.00	.00	.00	.00	.00	.007	21	.05
23	.00	.00	.00	.00	.00	.00	.01				.01	.02	.01	.01			.03	.01	.01	.00	.00	.00	.00	.00	.005	19	.04
24	.00	.00	.00	.00	.00	.01	.05	.08	.10	.04	.01	.00	.00	.04		.04	.02	.01	.01	.00	.01	.00	.03	.07	.022	23	.11
25*	.04	.02	.01	.00	.02	.05	.05	.02	.00	.01	.01	.01	.01	.01			.01	.00	.00	.00	.01	.01	.01	.02	.013	22	.07
26*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.01	.03	.02	.01	.00	.004	23	.04
27	.00	.00	.00	.00	.01	.03	.04	.04	.03	.02		.02	.01	.02		.02	.02	.01	.01	.01	.01	.02	.03		.015	22	.05
28	.02	.03	.01	.02	.02	.03	.04	.06	.04	.01	.02	.03	.01	.01		.01	.01	.00	.00	.00	.00	.01	.01	.01	.017	23	.09
29	.02	.01	.00	.00	.00	.01	.03				.00	.00	.01	.00		.00	.01	.01	.00	.01	.01	.02	.04	.06	.011	20	.07
30	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.00	.01	.01	.01	.003	23	.04
31	.00	.00	.00	.00	.01	.01	.04	.05	.02	.03	.04	.01	.01	.01			.02	.00	.01	.01	.00	.01	.00	.00	.013	22	.08
MEAN	.01	.01	.00	.00	.01	.02	.04	.04	.03	.02	.01	.01	.01	.01		.02	.02	.01	.01	.01	.01	.01	.01	.01	.014		
NO	30	30	30	30	30	30	28	26	27	24	27	30	31	31		24	30	28	29	29	29	30	29	30		662	
MAX	.07	.03	.04	.03	.06	.08	.11	.09	.10	.05	.04	.05	.05	.05		.05	.07	.04	.03	.02	.03	.04	.05	.07	.035		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

ALLIED CHEM MICROFILM SYSTEMS

CONTINUOUS AIR MONITORING PROGRAM

Table 3-18

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
JUNE 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.00	.03	.01	.01		.00	.00	.00	.01	.01	.01	.02	.03	.01	.009	23	.06
2*																											
3																											
4																											
5				.02	.00	.00	.01	.03	.05	.05	.02	.00	.01	.02		.02		.00	.00	.00	.00	.01	.00	.02	.013	19	.12
6	.00				.01	.01	.02	.02	.02	.01	.00	.02	.00	.00			.00	.00	.00	.00	.02	.01	.01	.02	.010	19	.06
7	.01	.01	.02	.02	.01	.01		.05	.02	.02	.01	.01	.01	.01		.04	.03	.00	.00	.01	.02	.01	.01	.00	.015	22	.08
8*	.00	.00	.00	.00	.01	.01	.01		.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.00	.01	.003	22	.03
9*																											
10																											
11					.01	.02	.05	.07		.02	.02	.02	.02	.02		.02	.02				.01		.01	.02	.023	14	.08
12																											
13																											
14																											
15*																											
16*																											
17						.00	.02	.02	.01	.00	.00	.01	.02	.00		.01	.01	.00	.00	.00	.02	.02	.01	.00	.008	18	.03
18																											
19																											
20					.00	.00	.02	.02	.02	.01	.00	.00	.00	.00			.00						.00	.01	.006	13	.03
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28		.00					.07	.05	.10	.05	.02	.01				.00	.01				.01	.01	.02	.01	.027	13	.12
29*																											
30*																											
MEAN																											
NO	4	4	3	4	7	8	8	8	8	9	9	9	8	8		7	8	6	6	6	8	7	9	9		163	
MAX	.01	.01	.02	.02	.01	.02	.07	.07	.10	.05	.02	.03	.02	.02		.04	.03	.00	.01	.01	.02	.02	.03	.02	.027		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-19

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

NITRIC OXIDE
JULY 1968

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1																											
2																											
3					.02	.06	.05	.04	.01	.02	.02	.01	.01	.01		.02	.02	.01	.00	.01	.02	.02	.02	.02	.020	19	.06
4	.01	.01	.01	.02	.01	.01	.01	.01	.00					.00		.00	.01	.00	.01			.00	.02	.01	.009	17	.04
5	.00	.00	.00	.01	.01	.02	.07	.05	.04	.03						.01	.02	.01		.01	.01	.01	.00		.017	17	.08
6*	.01	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00			.00							.01	.02	.03	.01	.008	16	.04
7*											.00	.00	.00	.00		.00	.01	.01	.01	.01	.01	.01	.01	.02	.006	19	.03
8	.04	.01	.00	.00	.04	.04	.09	.06	.02	.02	.01	.00	.01	.01			.01	.00	.00	.00	.00	.01	.01	.01	.018	22	.11
9						.01	.03	.02	.01	.00				.00		.02	.01	.00	.00		.00	.01	.00	.01	.008	19	.04
10							.09	.06	.01	.01	.01	.01	.01	.01			.03	.00			.00	.01	.01		.018	13	.10
11						.01	.05	.03	.00	.01	.01	.01	.01	.03		.01	.02		.01	.00	.01	.01	.02	.02	.014	17	.06
12	.02	.01				.03	.05	.03	.01	.01	.00	.00	.00	.01		.02	.03	.01	.02			.01	.01	.01	.015	18	.07
13*																											
14*																											
15						.02	.06	.06	.01	.00	.01	.02	.01	.01			.01	.00	.01	.01	.03	.02	.03	.02	.018	17	.08
16	.01	.01				.00	.04	.03	.01	.00	.00	.00	.01	.01			.02	.01	.00			.02	.01		.011	16	.07
17				.01		.02	.02	.02	.00	.00	.00	.01	.01	.01		.00	.01		.00				.01		.008	14	.03
18							.02	.04	.02	.01	.01	.01	.00	.01		.03	.01	.02	.01	.01	.01	.00	.00	.00	.012	17	.06
19							.01	.01	.01	.00	.00	.00	.00	.00		.02	.02		.01	.01		.02	.01	.01	.009	15	.04
20*	.01	.02	.00					.02				.01	.00	.00		.01	.01	.01	.01	.01	.01	.02	.02	.01	.011	16	.03
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
31																											
MEAN	7	7	5	5	5	11	14	15	14	13	12	12	12	15		11	15	12	13	9	10	15	.01 16	12			
NO	.04	.02	.01	.02	.04	.06	.09	.06	.04	.03	.02	.02	.01	.03		.03	.03	.02	.02	.01	.03	.02	.03	.02	.020	260	.11
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-20

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
AUG. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16		.00	.00	.00	.00	.00	.00			.01	.01	.01	.01	.01		.02	.01	.00	.00	.00	.00	.01	.00	.00	.005	20	.03
17*	.00	.01	.00	.00	.00	.02	.02	.02	.02	.01	.00	.00	.01			.01	.01	.01	.01	.01	.00	.02	.01	.01	.009	22	.04
18*	.06	.10	.06	.07	.04	.04	.02	.02	.00	.00	.00	.00	.00			.01	.01	.00	.02	.01	.03	.02	.01	.01	.024	22	.15
19	.01	.00	.00	.00	.02	.06	.14	.07	.01	.01	.01	.01	.01	.01		.04	.03	.02	.02	.01	.01	.02	.02	.02	.023	23	.18
20			.01	.04	.08	.07	.11	.11	.01	.02	.02	.01	.01	.01		.03	.03	.01	.01		.01	.03	.05	.01	.032	20	.18
21	.01					.02	.03		.02	.00	.01	.01	.01	.00		.02	.01	.00	.01	.00	.01	.02			.010	16	.09
22					.05	.10	.06	.04	.01	.02	.01	.00	.00	.00			.03	.00	.00	.00	.00	.02	.01	.01	.019	18	.19
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
31*																											
MEAN																											
NO	4	4	5	5	6	7	7	5	6	7	7	7	7	5		6	7	7	7	6	7	7	6	6		141	
MAX	.06	.10	.06	.07	.08	.10	.14	.11	.02	.02	.02	.01	.01	.01		.04	.03	.02	.02	.01	.03	.03	.05	.02	.032		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-21

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
SEPT. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HITS	5-MIN MAX
1*																											
2																											
3																											
4																											
5																											
6		.01	.00	.01	.01	.05				.10	.03		.01	.02		.01	.01	.01	.01	.04	.03	.05	.06	.05	.028	18	.13
7*		.01	.00	.01	.01	.02	.01	.02			.01	.01				.01	.01	.01	.01						.011	13	.02
8*	.01				.00					.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.01	.01			.010	14	.04
9								.14	.05			.01	.01	.01			.04	.03	.02	.02	.02	.04	.07	.03	.035	13	.17
10	.01	.00	.00	.00	.00	.02			.03			.00	.00	.01			.02	.02	.01	.02	.02	.01	.00	.00	.009	18	.06
11	.00	.00	.00	.00	.02	.03	.06	.13	.08	.01	.00	.00	.01	.01			.03	.02	.00	.02	.01	.02	.03	.01	.022	22	.19
12	.00	.00	.00	.00	.00	.02		.13	.07	.02	.00	.00					.00	.00	.00	.00	.01	.00	.06	.05	.019	19	.16
13	.00	.00	.00	.00	.00	.00		.06	.03	.00	.00	.00	.00	.00			.02	.02	.01	.01	.03	.02	.02	.04	.012	21	.07
14*	.02	.01	.00	.00	.00	.00	.00	.03	.04	.01	.01	.01	.01	.01		.00	.00	.01	.01	.02	.01	.02	.00	.00	.009	23	.06
15*	.01	.03	.01	.01	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.05
16	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.02				.03	.02	.00	.01	.03			.012	19	.04
17		.00	.00	.00					.04	.02	.02	.02	.01	.02			.01	.01	.01	.01	.02	.03	.09	.07	.022	17	.11
18																											
19			.00	.01	.01							.00	.00	.01			.02	.01	.01	.01	.02	.01	.03	.01	.010	14	.04
20	.02	.00	.00	.00	.00	.01	.12										.04	.02	.02	.02	.04	.07	.05	.00	.026	15	.19
21*																											
22*																											
23									.13	.06	.04	.05	.04	.03			.04	.03	.06	.15	.22	.16	.13	.08	.087	14	.26
24	.03	.02	.01					.22	.08		.06	.01	.01	.01			.04	.02	.04	.04	.03	.02	.00	.02	.039	17	.29
25	.01	.00	.01	.00	.00				.16	.10	.03	.01	.02	.02		.03	.04	.04	.05	.10	.14	.17	.08	.07	.054	20	.23
26	.03	.03	.01	.00	.01	.05	.15	.17	.09	.05				.02		.04	.03	.02	.03	.02	.02	.04	.04	.00	.042	20	.23
27	.02	.01	.00	.00	.00				.13	.05	.01	.01	.00	.00			.04	.02	.08	.12	.07	.02	.02	.05	.033	19	.18
28*	.09	.05	.01	.00	.00	.02	.03		.05		.02	.02	.01	.01			.01	.01	.01	.01	.00	.00	.00	.01	.018	20	.10
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02			.01	.01	.01	.01	.03	.03	.05	.04	.01	.010	22	.09
30	.00	.00	.00	.01	.01	.04	.08	.11	.04	.09	.05	.01		.01		.03	.04	.02	.10	.09	.12	.07	.03	.04	.045	22	.15
MEAN	.01	.01	.00	.00	.00				.06		.02	.01	.01	.01			.02	.02	.02	.03	.04	.04	.04	.03	.025		
NO	16	18	19	18	18	14	10	12	17	15	17	19	17	18		9	21	22	22	21	21	21	19	19		403	
MAX	.09	.05	.01	.01	.02	.05	.15	.22	.16	.10	.06	.05	.04	.03		.04	.04	.04	.10	.15	.22	.17	.13	.08	.087		.29

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

AGGZ

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-22

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DENVER, COLO.

NITRIC OXIDE
OCT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.03	.03	.00	.00	.03	.08	.07	.01	.02	.03	.03	.02	.02		.04	.03	.02	.02	.00	.03	.10	.06	.04	.031	23	.16
2	.03	.03	.01	.02	.01	.04	.09	.07	.03	.02	.02	.01	.01	.02			.03	.03	.02	.01	.01	.02	.02	.01	.025	22	.10
3	.00	.01	.01	.01	.01	.03	.10	.11	.15	.06	.04	.03	.01	.01		.06	.05	.02	.04	.04	.06	.07	.08	.08	.047	23	.21
4	.03	.02	.02	.01	.03	.04	.10	.13	.07	.07	.04	.03	.04	.05		.08	.04	.00	.00	.01	.01	.01	.01	.01	.037	23	.19
5*	.02	.04	.04	.03	.01	.00	.03	.03	.02	.02	.02	.01	.01	.01		.01	.01	.02	.04	.03	.07	.11	.16	.05	.033	23	.19
6*	.07	.05	.03	.01	.00	.01	.02	.01	.02	.01	.00	.00	.01	.01		.01	.01	.02	.05	.14		.04	.03	.02	.025	22	.19
7	.04	.07	.10	.10		.16		.21	.05	.02		.02	.02	.02		.05	.05	.03	.02	.06	.04	.04	.01	.01	.055	20	.27
8	.01	.01	.01	.01	.01	.03	.07	.07	.05	.06	.07	.07	.06	.04			.14	.06	.03	.02	.02	.01	.01		.041	21	.22
9						.03	.08			.03	.03	.02	.02	.02		.02	.04	.02	.02	.03	.05	.04	.03	.02	.030	16	.21
10	.02	.01	.02	.08	.03	.06	.17					.06	.04	.05		.06	.05	.05	.12	.10	.03	.04	.05	.04	.056	19	.38
11	.01	.01		.01	.02			.23	.07		.01	.01	.01	.01			.02	.03	.02	.05	.04	.07	.11	.17	.050	18	.28
12*	.16	.17	.02	.02	.04	.06	.13	.04	.05	.08	.01		.01	.01		.01	.01	.03	.09	.14	.23	.23	.08	.03	.073	22	.29
13*	.03	.07	.03	.05	.03	.00	.01	.01	.01	.01	.02	.01	.01	.00			.01		.07	.08	.07	.07	.03	.04	.031	21	.11
14	.01	.00	.00	.00	.01	.03	.05	.05	.04	.03	.02	.02	.02	.02			.02						.00	.00	.017	17	.09
15	.00	.00	.00	.00	.00	.02	.09			.02	.01	.00	.02	.01		.03	.03	.01	.01	.00	.01	.00	.00	.00	.013	21	.14
16	.00	.00	.00	.00	.01	.05	.16	.16			.05		.03	.04			.05	.04	.03	.02	.03	.02	.03	.02	.038	19	.21
17	.01	.01	.01	.01	.01	.02	.11	.15			.04	.03	.03	.03		.03	.04	.03	.02	.01	.01	.02	.01	.02	.029	21	.22
18	.04	.04	.03	.03	.03	.07				.08	.08	.04	.03	.02			.06	.08	.16	.12		.07	.07	.09	.062	18	.24
19*	.07	.12	.12	.10	.08	.12	.17	.17	.11		.04	.02	.02	.02		.02	.03								.079	15	.25
20*																											
21	.00	.00	.00	.00	.00	.04	.14	.20	.01	.02				.03			.04	.03	.02	.03	.02	.02	.02	.04	.034	19	.33
22	.03	.01	.02	.04	.05	.12	.21	.34	.16	.06	.07	.06	.03	.04			.03	.02	.02	.02	.01	.02	.03	.01	.063	22	.41
23	.01	.01	.01	.01	.01	.02	.10	.17	.07	.03	.03	.03	.03	.04			.06	.04	.04	.04	.03	.02	.01	.02	.037	22	.21
24	.03	.04	.04	.03	.03	.07	.12	.19	.09	.06	.03	.03	.02	.03		.05	.06	.11	.13	.27	.27	.08	.06	.04	.081	23	.37
25	.03	.04	.02	.02	.04	.06	.16	.21	.11	.12	.03	.03	.03	.02		.05	.08	.16	.20	.15	.08	.08	.06	.07	.078	23	.28
26*	.05	.03	.02	.02	.02		.11	.12	.24	.09	.02	.02	.02	.01		.01	.01	.02	.04	.06	.01	.03	.03	.03	.046	22	.26
27*	.01	.01	.01	.01	.02	.05	.06	.06	.05	.02	.02	.01	.01	.01		.01	.02	.05	.12	.13	.08	.06	.07	.09	.042	23	.22
28	.23	.03	.02	.02	.01	.02	.06	.14	.22	.15		.04	.02	.03			.08	.11	.12	.13	.15	.07	.05	.04	.082	21	.26
29	.05	.01	.03	.02	.03	.04				.09	.06	.08	.02	.01		.04	.06	.10	.10	.09	.06	.05	.06	.03	.051	20	.13
30	.02	.05		.04	.04	.02	.00	.10	.12	.08	.02	.01	.01	.02				.11	.06	.08	.03	.07	.03	.02	.046	20	.15
31	.01	.01	.00	.00	.00	.00	.03		.04	.02	.02	.02	.02	.02			.08	.09	.05	.04	.05	.05	.03	.05	.030	21	.10
MEAN	.04	.03	.02	.02	.02	.04	.09	.13	.08	.05	.03	.03	.02	.02		.03	.04	.05	.06	.07	.06	.05	.04	.04	.045		
NO	29	29	27	29	28	28	26	24	23	25	26	27	29	30		17	29	27	28	28	26	28	29	28		620	
MAX	.23	.17	.12	.10	.08	.16	.21	.34	.24	.15	.08	.08	.06	.05		.08	.14	.16	.20	.27	.27	.23	.16	.17	.082		.41

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-23

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
NOV. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.06	.05	.04	.04	.08	.09	.09	.14			.05	.05	.04	.04		.06	.10	.09	.07	.06	.05	.07	.07	.06	.066	21	.18
2*	.02	.02	.02	.02	.02	.02	.04	.10	.04	.03	.03	.03	.02	.02		.02	.04	.06	.06	.04	.06	.02	.03	.07	.035	23	.12
3*	.03	.02	.05	.04	.05	.06	.05	.14	.06	.03	.02	.01	.02	.01		.06	.05	.07	.11	.13	.07	.03	.04	.03	.051	23	.16
4	.03	.07	.08	.05	.07	.04	.10	.22	.34	.08	.06	.03	.05	.05		.03	.06	.07	.04	.03	.02	.03	.05	.07	.072	23	.43
5	.12	.09	.03	.02	.05	.05	.10	.07	.07	.05	.04	.05	.04	.05		.06	.08	.07	.05	.03	.02	.02	.02	.02	.049	23	.14
6	.02	.01	.01	.01	.01	.01	.03	.07	.08	.05	.06	.05					.09	.11	.07	.05	.01	.02	.02	.01	.038	20	.14
7	.01	.02	.03	.04	.04	.01	.04	.06	.11			.04					.14	.16	.14	.12	.14	.18	.21	.17	.091	18	.24
8	.13	.06	.05	.08	.04	.03	.06	.23	.13	.10	.05	.04	.04	.03		.03	.06	.07	.06	.04	.04	.03	.02	.05	.063	23	.25
9*	.04	.03	.02	.02	.01	.02	.03	.04	.08	.12	.07	.03	.01	.01		.01	.02	.04	.01	.03	.01	.01	.01	.02	.029	23	.18
10*	.02	.02	.02	.00	.00	.00	.00	.01	.01	.01	.01	.00	.01	.01		.01	.01	.03	.04	.02	.02	.03			.013	21	.05
11										.11	.07	.04	.03	.03	.02			.04	.04	.12	.06	.05	.01	.01	.047	13	.20
12										.04	.03	.03	.03	.03		.07	.12	.11	.02	.01	.02	.04	.02	.01	.049	23	.20
13	.03	.06	.06	.04	.05	.04	.02	.11	.14			.03	.05				.10	.08		.05	.03	.04	.05	.07	.041	17	.11
14	.01	.01	.01	.00	.01	.01	.02		.10			.05	.07			.06	.12	.13	.11	.12	.10	.12	.16	.16	.100	13	.19
15	.08	.03	.04																								
16*	.10	.05	.03	.02	.04	.06			.02			.02	.03	.01		.02	.02	.01	.01	.02	.03	.02	.03	.02	.029	19	.18
17*	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01		.01	.01	.02	.02	.02	.02	.02	.02	.02	.017	23	.03
18	.02	.01	.01	.01	.01	.03	.02	.05	.09	.08	.05					.08	.13	.13	.11	.23	.23	.23	.04	.02	.079	20	.30
19	.01	.01	.12	.02	.01	.05	.07	.21	.33	.16	.07	.03	.03	.03		.04	.07	.13	.09	.05	.07	.07	.07	.03	.075	23	.39
20																											
21													.10	.10			.05	.04	.03	.03	.06	.03	.05	.05	.057	19	.18
22		.09	.05	.04	.03	.04	.05	.08	.11	.08																	
23*													.02	.02		.02	.03	.04	.05	.07	.06	.13	.17	.07	.056	23	.20
24*	.11	.12	.10	.03	.03	.05	.03	.05	.04	.02	.03	.02	.00	.00		.01	.03	.02	.00	.01	.03	.03	.01	.01	.067	20	.50
25	.07	.09	.06	.04	.06	.07	.11	.29	.41																		
26	.01	.00	.00	.02	.01	.02	.08	.15	.15	.07	.04	.03	.03	.02		.03	.07	.14	.20	.21	.12	.08	.07	.07	.069	23	.26
27	.07	.13	.07	.03	.02	.03	.04	.10	.13	.10	.08	.10	.08	.05		.07	.15	.22	.18	.07	.02	.02	.02	.01	.077	23	.26
28	.00	.01	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.01	.01		.01	.02	.03	.04	.04	.09	.13	.10	.07	.025	23	.15
29	.06	.04	.03	.02	.02	.02	.03	.09	.13	.08	.06	.05	.05	.04		.05		.10	.13	.09	.12	.06	.04	.07	.061	22	.18
30*	.04	.04	.02	.02	.01	.02	.05	.05	.04	.04	.04	.04	.03	.02		.03	.05	.17	.15	.19	.26	.21	.16	.12	.078	23	.33
MEAN	.05	.04	.04	.03	.03	.03	.05	.10	.11	.06	.04	.03	.03	.03	1	.04	.07	.08	.07	.07	.07	.06	.06	.05	.055	545	
NO	24	25	25	24	24	24	23	22	23	20	20	22	23	21		21	24	26	25	26	26	26	25	25			
MAX	.13	.13	.12	.08	.08	.09	.11	.29	.41	.16	.08	.10	.10	.10	.02	.08	.15	.22	.20	.23	.26	.23	.21	.17	.100		.50

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-24

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITRIC OXIDE
DEC. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.06	.03	.02	.01	.01	.02	.03	.05	.04	.04	.03	.01	.01	.01		.01	.01	.03	.03	.03	.04	.07	.03	.02	.028	23	.11
2	.02	.02	.02	.03	.04	.07	.08	.20	.21	.11	.13	.08	.02	.01		.02	.05	.08	.02	.03	.01	.02	.06	.05	.059	23	.24
3	.03	.00	.00	.00	.00	.01	.02	.06	.05	.03	.03	.01	.02	.02		.06	.05	.11	.06	.02	.01	.00	.00	.01	.025	23	.16
4	.02	.03	.02	.01	.00	.00	.00	.03	.14	.07	.01	.02	.01	.01		.03	.03	.09	.01	.02	.02	.02	.01	.01	.026	23	.20
5	.01	.01	.01	.00	.01	.03	.05	.07	.10	.10		.06	.05	.04		.05	.10	.18	.15	.13	.04	.14	.01	.02	.061	22	.23
6	.01	.01	.01	.01	.00	.02	.05	.11	.16	.07	.04	.03	.05	.03		.05	.08	.08	.03	.03	.02	.01	.01	.01	.039	23	.19
7*	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.04	.06	.04	.05		.06	.08	.09	.09	.09	.09	.12	.11	.15	.048	23	.16
8*	.10	.07	.09	.08	.06	.11	.04	.02	.04	.01	.02	.03	.03	.02		.01	.02	.03	.07	.05	.04	.05	.05	.05	.046	23	.15
9	.03	.04	.08	.08	.04	.03	.03	.06	.09	.10	.09	.06	.07	.04		.04									.059	15	.13
10										.39	.27	.08	.04			.10	.13	.29	.29	.18	.03	.04	.08	.01	.147	13	.46
11	.02	.01	.01	.01	.01	.02	.04	.05	.06	.07	.04	.01	.00	.00		.03	.04	.04	.02	.02	.03	.01	.00	.00	.023	23	.09
12	.00	.00	.00	.00	.00	.02	.00	.02	.03	.01	.02	.02	.00	.00			.01	.01	.00	.00	.00	.00	.00	.01	.006	22	.24
13	.00	.00	.00	.00	.00	.00	.01	.11	.11	.06	.04	.03	.03	.03		.04	.08	.11	.06	.09	.10	.06	.09	.26	.056	23	.28
14*	.30	.24	.22	.29	.30	.21	.14	.15	.16	.12	.11	.10	.04	.10		.06	.09	.14	.18	.18	.21	.46	.44	.29	.196	23	.50
15*	.19	.18	.23	.18	.17	.15	.17	.11	.06	.07	.03	.02	.03	.01		.01	.02	.02	.02	.10	.08	.09	.14	.16	.097	23	.28
16	.13	.07	.10	.10	.07		.22	.35				.11	.09	.09			.18	.22	.10	.14	.29	.23	.22	.20	.163	18	.48
17	.16	.25	.23	.27	.25	.17	.10	.19	.30	.19							.05	.10	.06	.02	.01	.01	.01	.00	.132	18	.42
18	.00	.00	.00	.00	.00	.01	.01	.05	.11	.08			.04	.05		.03	.05	.08	.05	.07	.15	.10	.11		.049	20	.18
19	.05	.01	.02	.04	.03	.04	.05	.13	.09	.12	.12	.05	.04	.05		.08	.16	.20	.15	.17	.07	.06	.11	.13	.084	23	.23
20	.07	.05	.02	.02	.02	.03	.06	.14	.17	.09	.08	.07	.07	.06		.08	.11	.10	.06	.04	.05	.05	.07	.08	.068	23	.21
21*	.06	.03	.04	.04	.03	.03	.04	.06	.07	.07	.05	.05	.05	.05		.06	.06	.05	.04	.03	.04	.02	.03	.03	.044	23	.09
22*	.03	.03	.02	.03	.01	.03	.04	.04	.05	.06	.05	.03	.02	.01		.02	.03	.04	.06	.07	.10	.05	.08	.15	.045	23	.19
23																											
24											.24	.04	.00	.00		.12	.13	.14	.08	.22	.18	.17	.19	.23	.134	13	.33
25	.17	.15	.18	.10	.01	.00	.02	.04	.05	.04	.05	.02	.02	.01			.02	.08	.08	.06	.15	.17	.02	.01	.065	22	.24
26	.00	.00	.00	.00	.02	.08		.29	.50	.19	.08	.06	.04	.05		.09	.15	.19	.10	.07	.06	.03	.02	.02	.092	22	.68
27	.01	.01	.01	.02	.01	.02	.04	.09		.13	.08	.03	.04	.03			.05								.039	14	.21
28*																											
29*		.10	.05		.01	.02				.03				.05	.04	.04	.05	.06	.05	.04	.02	.02	.02	.01	.038	16	.12
30	.03	.04	.00	.01	.03	.05	.03	.10	.19	.07	.09	.06	.06	.08		.07	.09	.05	.03	.02	.02	.02	.03	.07	.052	23	.26
31	.10	.16	.16	.07	.07	.11	.21	.37		.08	.08	.06	.09	.04		.08	.24	.24	.13	.12	.09	.09	.02	.05	.120	22	.58
MEAN	.06	.06	.06	.05	.04	.05	.06	.11	.12	.09	.07	.05	.04	.03		.05	.08	.10	.07	.08	.07	.08	.07	.08	.068		
NO	26	27	27	26	27	26	25	26	23	27	24	26	27	27	1	24	28	27	27	27	27	27	27	26		605	
MAX	.30	.25	.23	.29	.30	.21	.22	.37	.50	.39	.27	.11	.09	.10	.04	.12	.24	.29	.29	.22	.29	.46	.44	.29	.196		.68

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-25

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JAN. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1																											
2	.07	.07	.03	.03	.02	.02	.03	.04	.04	.03	.02	.03	.04	.04			.05	.05	.05	.05	.05	.06	.06	.06	.042	22	.08
3	.06	.07	.08	.08	.09	.11	.08	.06	.06	.13	.11	.06	.07	.08			.08	.04	.03	.02	.02	.03	.05	.06	.066	22	.16
4	.06	.06	.05	.05	.05	.04	.05	.06	.06	.06	.06	.07	.10	.09			.11	.05	.05	.05	.06	.06	.06	.05	.060	22	.13
5	.05	.05	.04	.04	.04	.05	.05	.06	.07	.09	.08	.05	.04	.03			.05	.06	.06	.05	.03	.03	.03	.03	.049	22	.12
6*	.03	.03	.02	.01	.01	.02	.02	.03	.03	.03	.03	.06	.09	.07			.05	.05	.06	.06	.06	.06	.06	.07	.043	22	.11
7*	.07	.07	.07	.08	.08	.08	.08	.08	.09	.12	.12	.11	.13	.11			.10	.10	.09	.10	.12	.13	.12	.11	.097	22	.15
8	.12	.12	.10	.10	.07	.06	.05	.06	.06	.07	.06	.07	.07	.08			.07	.08	.08	.08	.07	.07	.06	.06	.074	22	.13
9	.07	.06	.06	.06	.05	.06	.06	.06	.06	.06	.06	.06	.05	.05			.07	.08	.07	.08	.09	.09	.08	.08	.065	22	.10
10	.10	.09	.09	.09	.09	.11	.09						.25	.20			.15	.15	.13	.10	.09	.09	.10	.11	.117	17	.38
11	.11	.11	.13	.11	.11	.10	.08	.06	.07	.09	.05	.03	.03	.03			.04	.04	.03	.04	.04	.04	.04	.04	.063	22	.13
12	.04	.04	.04	.04	.04	.04	.04					.08	.04	.05		.07	.08	.08	.08	.09	.08	.07	.06	.06	.060	19	.10
13*	.07	.06	.05	.06	.04	.06	.06	.06	.06	.07	.11	.13	.13	.10			.25	.17	.16	.13	.08	.06	.06	.05	.094	22	.26
14*	.05	.05	.04	.04	.04	.04	.05	.04	.04	.04	.04	.03	.06	.07		.08	.05	.06	.06	.06	.05	.04	.04	.05	.049	23	.11
15	.05	.05	.06	.06	.09	.05	.04	.05	.08	.08	.06	.08	.07	.07			.09	.15	.09	.11	.12	.08	.09	.11	.076	22	.18
16	.10	.09	.08	.06	.04	.05	.05	.06	.07	.06	.09	.07	.07	.10			.13	.13	.14	.11	.12	.11	.07	.06	.084	22	.15
17	.05	.05	.05	.05	.05	.05	.04	.04						.05			.03	.03	.03	.03	.03	.04	.03	.03	.039	17	.06
18	.03	.03	.03	.02	.02	.03	.04	.04			.03	.02	.03	.03			.07	.05	.06	.06	.05	.05	.05	.04	.039	20	.07
19	.04	.05	.04	.02	.03	.04	.03				.04	.03	.05	.05			.08	.07	.06	.08	.08	.04	.03	.03	.047	19	.10
20*	.03	.02	.01	.03	.02	.04	.04	.04	.04	.03	.04	.04	.02	.02			.03	.05	.05	.06	.05	.03	.03	.03	.033	22	.06
21*	.03	.03	.02	.01	.02	.01	.03	.02	.02	.02	.02	.02	.01	.02		.04	.05	.06	.05	.06	.05	.06	.06	.04	.032	23	.07
22	.04	.03	.03	.03	.03	.02	.02	.03	.04	.03	.03	.04	.03	.03			.04	.04	.03	.02	.02	.02	.01	.01	.028	22	.05
23	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.01	.01	.03	.03			.08	.06	.07	.06	.03	.01	.01	.01	.025	22	.11
24	.00	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.04				.05	.05	.04	.03	.03	.03	.02	.02	.023	21	.05
25	.03	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.04	.03			.01	.02	.01	.01	.01	.01	.01	.01	.022	22	.05
26	.01	.01	.01	.00	.00	.01	.00	.01									.03	.03	.02	.02	.02	.02	.02	.02	.014	16	.05
27*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.05	.06	.04	.03			.03	.03	.03	.03	.03	.03	.03	.04	.030	22	.07
28*	.04	.04	.03	.04	.05	.03	.04	.04	.05	.06	.05	.02	.01	.01		.01	.02	.04	.05	.05	.05	.04	.02	.02	.035	23	.07
29	.02	.02	.01	.01	.01	.02	.03	.04				.04	.04	.03			.04	.04	.05	.05	.05	.04	.05	.05	.033	19	.05
30	.05	.06	.06	.06	.06	.05	.05	.06	.08	.19	.16	.12	.06	.04			.05	.07	.07	.08	.08	.06	.03	.03	.070	22	.22
31	.02	.02	.02	.02	.03	.03	.04	.05				.04	.03	.03			.04	.05	.04	.03	.02	.02	.03	.03	.030	19	.06
MEAN	.05	.05	.04	.04	.04	.04	.04	.04	.05	.06	.06	.05	.06	.05			.07	.07	.06	.06	.06	.05	.05	.05	.051		
NO.	30	30	30	30	30	30	30	27	22	22	24	27	28	28		4	30	30	30	30	30	30	30	30		632	
MAX	.12	.12	.13	.11	.11	.11	.09	.08	.09	.19	.16	.13	.25	.20		.08	.25	.17	.16	.13	.12	.13	.12	.11	.117		.38

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-26

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DENVER, COLO.

NITROGEN DIOXIDE
FEB. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.02	.02	.01	.01	.01	.02	.04	.04	.02	.02	.02	.02	.02			.04	.04	.03	.03	.04	.04	.05	.05	.028	22	.05
2	.04	.03	.02	.01	.02	.03	.04	.04	.04	.04	.05	.05	.05	.07			.06	.06	.04	.04	.04	.03	.04	.04	.040	22	.08
3*	.05	.04	.04	.04	.04	.04	.05	.06	.04	.04	.05	.06	.07	.05			.03	.04	.04	.04	.05	.05	.04	.03	.045	22	.08
4*	.04	.05	.04	.04	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03			.02	.03	.05	.05	.05	.05	.04	.04	.035	22	.06
5	.03	.03	.03	.03	.03	.03	.03	.04	.06	.07	.09	.05	.04	.02			.07	.07	.07	.07	.08	.08	.07	.07	.052	22	.10
6	.08	.07	.07	.06	.05	.05	.06	.06				.03	.03	.03			.04	.05	.04	.04	.04	.04	.04	.03	.047	19	.08
7	.04	.04	.04	.04	.03	.03	.04	.05	.07	.06	.05	.05	.07	.07			.04	.05	.05	.05	.07	.08	.07	.06	.052	22	.09
8	.05	.04	.04	.04	.04	.05	.04	.05	.05	.06	.05	.06	.05	.04				.04	.04	.04	.05	.05	.05	.05	.047	21	.07
9	.04	.04	.05	.05	.04	.04	.04			.06	.08	.10	.10	.04			.05	.06	.06	.06	.06	.07	.05	.05	.056	20	.13
10*	.04	.04	.04	.03	.03	.04	.03	.04	.04	.05	.05	.04	.03	.03			.02	.03	.04	.05	.05	.05	.04	.03	.037	22	.06
11*	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02		.02	.02	.03	.04	.04	.04	.04	.02	.02	.030	23	.05
12																											
13																											
14																											
15																											
16																											
17*																											
18*																											
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22																											
23																											
24*																											
25*																											
26		.05	.04	.04	.04	.05	.06	.07	.07	.07	.10						.05	.06	.06	.06	.05	.05	.05	.05	.056	19	.11
27	.05	.05	.06	.06	.05	.05	.05	.05	.04	.04	.04	.03	.04	.04			.04	.05	.05	.05	.05	.05	.03	.02	.045	22	.06
28	.03	.02	.02	.03	.04	.05	.05	.06									.06	.05	.04	.03	.03	.03	.04	.04	.038	20	.07
29	.04	.04	.03	.03	.04	.03	.04				.04	.06	.04	.03			.04	.04	.05	.05	.04	.04	.03	.04	.038	15	.05
MEAN																											
NO	14	15	15	15	15	15	15	13	11	12	13	13	13	14		1	14	15	15	15	15	15	15	15		313	
MAX	.08	.07	.07	.06	.05	.05	.06	.07	.07	.07	.10	.10	.10	.07		.02	.07	.07	.07	.07	.08	.08	.07	.07	.056		.13

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-27

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
MARCH 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.04	.03	.03			.03	.04	.04	.04	.04	.05	.05	.04	.040	22	.06
2*	.04	.03	.03	.03	.03	.03	.04	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.012	23	.04
3*	.01	.01	.02	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00			.01	.02	.05	.07	.04	.01	.01	.02	.012	22	.08
4	.01	.01	.02	.01	.02	.02	.03	.03	.05	.04			.03	.02	.02		.03	.05	.05	.05	.04	.04	.05	.04	.030	21	.05
5	.02	.03	.03	.03	.02	.02	.03	.04	.05	.06	.05	.04	.03	.03			.04	.05	.05	.05	.05	.04	.05	.05	.039	22	.06
6	.04	.04	.04	.03	.04	.04	.04	.06				.08	.06	.06			.07	.07	.08	.05	.05	.06	.07	.06	.055	19	.10
7	.05	.03	.04	.05	.05	.05	.06	.07	.11	.11	.13	.08	.06	.07			.03	.04	.04	.05	.03	.02	.02	.03	.055	22	.14
8	.02	.02	.04	.02	.03	.04	.05	.06	.06	.02	.02	.02	.02	.03			.05	.05	.05	.04	.04	.03	.03	.04	.035	22	.08
9*	.06	.06	.06	.05	.05	.05	.03	.03	.04	.04	.03	.03	.04	.03			.04	.04	.03	.03	.03	.03	.03	.03	.038	22	.06
10*	.03	.03	.02	.02	.02	.03	.03	.02	.02	.01	.02	.02	.02	.03			.02	.02	.02	.02	.02	.02	.03	.02	.022	22	.03
11	.02	.02	.02	.02	.03	.03	.04	.04	.04	.06	.06			.02			.04	.03	.02	.02	.02	.02	.02	.03	.029	20	.07
12	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03		.05	.05	.01	.00	.00	.00	.00	.00	.00	.021	22	.07
13	.00	.00	.00	.00	.00	.00	.00							.03			.04	.07	.09	.09	.07	.05	.05	.05	.034	16	.10
14	.04	.03	.04	.03	.01	.01	.03	.05	.05	.03		.02	.02	.02		.03	.03	.02	.02	.02	.03	.03	.04	.04	.029	22	.06
15	.03	.03	.02	.03	.03	.03	.03	.04	.06	.03	.02	.01	.03	.03		.03	.04	.04	.04	.05	.05	.05	.04	.04	.034	23	.08
16*	.04	.03	.02	.03	.02	.03	.04	.06	.07	.07	.08	.12	.08	.05		.03	.03	.03	.04	.05	.05	.06	.05	.05	.049	23	.13
17*	.04	.05	.03	.03	.02	.02	.03	.03	.02	.01	.01	.01	.01	.01		.01	.01	.02	.02	.03	.02	.02	.03	.01	.020	23	.06
18	.02	.01	.02	.02	.02	.04	.05	.06	.06	.04	.02	.02	.02	.02		.02	.02	.03	.03	.04	.04	.03	.02	.02	.028	23	.07
19	.02	.02	.03	.02	.02	.02	.02	.03	.04				.03	.02		.02	.02	.03	.02	.01	.01	.02	.01	.01	.022	20	.04
20	.02	.02	.01	.01	.01	.01	.02	.02		.05	.02	.02	.02	.03			.04	.03	.02	.02	.03	.03	.02	.03	.023	21	.05
21																											
22																											
23*																											
24*		.05	.04	.04	.04	.04	.03	.03	.04	.03	.01	.01	.01	.01		.00	.01	.01	.01	.02	.03	.04	.04	.04	.026	22	.05
25	.03	.03	.01	.02	.02	.03	.03		.08	.07				.00		.01	.02	.03	.02	.03	.03	.03	.02	.02	.028	19	.09
26	.02	.02	.01	.00	.01	.01	.02	.02		.02	.02		.02	.02		.01	.02	.02	.02	.02	.02	.01	.01	.02	.016	21	.03
27	.02	.01	.03	.01	.02	.03	.04	.05						.03			.03	.04	.04	.04	.04	.05	.05	.05	.033	17	.06
28	.04	.04	.04	.02	.03	.04	.04	.05		.08	.05	.02	.02	.01		.02	.03	.03	.03	.03	.02	.02	.04	.04	.033	22	.10
29	.03	.04	.03	.03	.03	.03	.03		.06	.05	.03	.02	.02	.02		.03	.05	.05	.05	.05	.06	.04	.05	.04	.037	22	.09
30*	.04	.03	.03	.02	.02	.03	.03	.03	.05	.04	.03	.03	.02					.03	.03	.02	.02	.02	.01	.01	.027	20	.06
31*	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01		.02	.03	.02	.02	.05	.04	.03	.03	.02	.016	23	.05
MEAN	.03	.03	.03	.02	.02	.03	.03	.04	.05	.04	.03	.03	.03	.02			.03	.03	.03	.03	.03	.03	.03	.03	.030		
NO.	27	28	28	28	28	28	28	25	22	24	21	20	24	27	1	14	27	28	28	28	28	28	28	28		596	
MAX	.06	.06	.06	.05	.05	.05	.06	.07	.11	.11	.13	.12	.08	.07	.02	.05	.07	.07	.09	.09	.07	.06	.07	.06	.055		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

ALLIED COPY BUSINESS SYSTEMS

CONTINUOUS AIR MONITORING PROGRAM

Table 3-28

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
APRIL 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03		.04	.05	.03	.06	.05	.06	.08	.11	.11	.08	.04	.02			.05	.05	.05	.05	.03	.04	.04	.05	.052	21	.12
2	.05	.04	.03	.03	.03	.03	.04	.06	.09	.06	.05	.03	.03	.03		.04	.04	.05	.03	.04	.03	.03	.02	.02	.039	23	.13
3	.03		.00	.00	.00	.00	.02	.02	.03	.02	.01	.02	.02	.02		.04	.03	.03			.02	.02		.04	.020	19	.04
4		.04	.04	.03	.03	.04	.04	.04						.03			.05	.05	.04	.04	.03	.03	.04	.04	.037	16	.06
5	.04	.04	.04	.04	.03	.03	.03			.14		.08	.04	.03			.04	.04	.04	.04	.04	.04	.05	.04	.046	19	.15
6*	.03	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01		.01			.01	.01	.00	.01	.00	.00	.00	.00	.014	21	.04
7*	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.01	.01	.02	.01	.01	.01	.01	.006	23	.03
8	.02	.04	.03	.05	.06	.07	.07	.07	.06	.04	.03	.04	.02	.03		.03	.04	.05	.05	.06	.06	.07	.07	.05	.048	23	.08
9																											
10											.06	.02	.03	.03		.04	.05	.05	.05	.06	.06	.06	.06	.07	.049	13	.10
11	.06	.05	.04	.04	.03	.03	.03	.05				.03	.04	.04			.05	.06	.06	.06	.06	.06	.05	.05	.046	19	.08
12	.05	.06	.05	.05	.03	.03	.04	.04	.05								.03	.04	.04	.04	.03	.04	.05	.05	.042	17	.07
13*	.05	.05	.05	.06	.03	.03	.03	.02	.02	.02	.02	.03	.02	.02		.02	.03	.03	.03	.03	.03	.02	.04	.03	.030	23	.06
14*	.03	.03	.03	.03	.03	.02	.03	.04	.05	.04	.02	.01	.02	.02		.02	.02	.02	.03	.04	.04	.07	.07	.07	.033	23	.07
15	.06	.05	.05	.04					.11	.05		.03	.03	.03				.03	.02	.02		.03	.02	.05	.040	15	.13
16																											
17		.00	.00	.00		.01	.03	.03				.03	.03	.03		.04	.04	.04	.03	.02	.02	.02	.02	.02	.022	18	.04
18	.03	.02	.02	.02	.02	.02	.03	.04	.04	.04	.05	.06	.06	.07			.05	.05	.05	.05	.05	.05	.05	.04	.040	22	.07
19	.03	.03	.04	.04	.04	.04	.04	.04	.05	.03	.04	.04	.04	.03		.04	.05	.05	.03	.03	.03	.04	.05	.07	.039	23	.07
20*	.07	.07	.07	.02	.01	.02	.03	.03	.03	.03	.02	.02	.02	.02		.02	.02	.03	.03	.05	.06	.06	.05	.04	.035	23	.08
21*	.05	.03	.03	.04	.04	.04	.03	.03	.03	.04	.04	.04	.03	.02		.03	.04	.03	.05	.04	.04	.03	.03	.02	.033	23	.06
22	.02	.02	.02	.03	.02	.02	.03	.03	.04	.04	.03	.03	.03	.03		.03	.03	.02	.02	.01	.02	.02	.03	.03	.025	23	.04
23	.03	.03	.03	.03	.03	.02	.02	.03	.04	.04		.03	.03	.03		.03	.05	.05	.04	.05	.06	.06	.05	.05	.036	22	.07
24	.05	.04	.03	.03	.02	.02	.04	.05					.03	.03		.03	.04	.04	.04	.04	.04	.05	.04	.05	.036	19	.06
25	.03	.01	.02	.02	.02	.03	.04	.05	.04	.03	.02	.02	.03	.02		.03	.04	.04	.03	.02	.02	.00	.00	.00	.024	23	.05
26	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.03	.02	.02		.03	.03	.03	.03	.04	.05	.05	.04	.05	.021	23	.05
27*	.05	.04	.04	.02	.01	.01	.03	.04	.03	.03	.03	.02	.03	.04		.02	.02	.04	.04	.03	.03	.04	.04	.03	.031	23	.05
28*	.04	.03	.04	.05	.04	.03	.04	.02	.02	.02	.01	.01	.01	.01		.02	.02	.02	.02	.04	.05	.06	.04	.02	.029	23	.06
29	.02	.02	.02	.03	.03	.04	.05	.07	.06	.04	.04	.03	.03	.04			.05	.03	.03	.05	.07	.06	.02	.03	.038	22	.07
30	.02	.01	.01	.01	.01	.03	.03							.03		.05	.04	.03	.03	.05	.07	.06	.05	.05	.035	17	.08
MEAN	.04	.03	.03	.03	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03		.03	.04	.04	.03	.04	.04	.04	.04	.04	.033		
NO	25	25	27	27	25	26	26	24	21	21	19	24	24	27		19	27	28	27	27	27	28	27	28		579	
MAX	.07	.07	.07	.06	.06	.07	.07	.07	.11	.14	.11	.08	.06	.07		.05	.05	.06	.06	.06	.07	.07	.07	.07	.052		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-29

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DENVER,COLO.

NITROGEN DIOXIDE
MAY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.06	.04	.02	.02	.02	.04	.05	.09	.08	.03	.02	.02	.02	.03		.03	.04	.02	.03	.05	.05	.05	.05	.03	.038	23	.11
2	.03	.03	.03	.03	.04	.04	.05	.07	.07	.07	.05	.04	.03	.03		.04	.04	.03	.01	.02	.03	.04	.02	.02	.035	23	.08
3	.01	.01	.01	.01	.01	.03	.03	.03	.02	.02	.02	.02	.02	.02		.05	.04	.04	.03	.05	.05	.05	.05	.04	.028	23	.06
4*	.04	.04	.05	.05	.06	.04	.03	.03	.03	.03	.03	.03	.02				.02	.02	.03	.03	.04	.04	.03	.02	.033	21	.07
5*	.03	.03	.03	.02	.01	.02	.02	.03	.03	.04	.05	.02	.02	.03		.02	.02		.05	.04	.04	.03	.04	.02	.029	22	.07
6	.02	.02	.01	.02	.03	.04	.05	.05			.03	.02	.02	.02		.04	.05	.03	.04	.02	.03	.02	.01	.01	.028	21	.06
7	.02	.01	.00	.00	.01	.01	.03	.04	.02	.01	.01	.02	.02	.02			.04	.03	.02	.03	.05	.06	.06	.04	.024	22	.06
8	.04	.04	.05	.05	.05	.05							.04	.04		.03	.02	.01	.01	.01	.02	.01	.01	.01	.029	17	.06
9	.01	.01	.00	.00	.01	.02	.04	.04	.03	.04	.05	.04	.03		.05	.06	.06	.04	.04	.04	.03	.05	.03	.04	.033	23	.07
10	.04	.03	.03	.02	.03	.05	.04					.02	.02	.02			.02	.01	.01	.01	.01	.01	.01	.01	.022	18	.05
11*	.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01	.02		.03	.02	.02	.02		.03	.02	.03	.02	.016	22	.04
12*	.02	.02	.02	.03	.04	.03	.02	.03	.04	.03	.03	.03	.02			.01							.02		.026	15	.04
13	.00	.00	.00	.00	.00											.02	.02	.01	.01	.01	.01	.02	.02	.02	.010	14	.03
14	.03	.04	.03	.06	.05	.05	.07	.04	.02	.02	.03	.02	.02	.02			.04	.03	.03	.04	.06	.06	.04	.02	.037	22	.09
15	.01	.01	.01	.02	.02	.02	.03					.02	.02	.02		.04	.04	.03	.03	.02	.02	.02	.02	.03	.022	19	.04
16	.02	.02	.02	.01	.01	.02	.03	.04	.03	.03	.03	.03	.03	.03			.04	.04	.04	.03	.05	.05	.04	.04	.032	22	.05
17	.04	.02	.03	.02	.02	.04	.04	.05	.06	.05	.02	.02	.03	.03		.03	.03	.02	.03	.02	.02	.03	.03	.02	.030	23	.06
18*	.02	.02	.02	.02	.01	.02	.03	.02	.03	.03	.03	.02	.02			.03	.02	.02	.01	.02	.02	.02	.03	.03	.022	22	.04
19*	.03	.03	.03	.02	.03	.03	.03			.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.01	.02	.01	.017	21	.04
20	.01	.01	.01	.02	.02	.02	.05	.04	.03	.03	.04	.04	.04	.03			.05	.03	.03	.03	.04	.05	.05	.04	.032	22	.06
21	.05	.05	.03	.04	.04	.04	.05			.02	.00	.00	.00	.01		.02	.02	.01	.01	.02	.03	.03	.01	.01	.023	21	.06
22	.01	.01	.01	.01	.01	.02			.05	.05	.04	.02	.02	.02		.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	21	.05
23	.02	.01	.01	.01	.01	.02	.03				.02	.04	.03	.03		.03	.02	.01	.01	.02	.01	.01	.01	.01	.017	20	.04
24	.01	.00	.00	.00	.00	.01	.03	.03	.05	.05	.04	.02	.03	.05		.04	.03	.03	.04	.03	.03	.04	.05	.06	.029	23	.06
25*	.06	.05	.05	.02	.04	.05	.05	.03	.03	.05	.04	.04	.04	.04		.03	.03	.02	.02	.03	.03	.03	.05	.05	.037	23	.06
26*	.03	.03	.03	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01		.02	.02	.02	.02	.04	.05	.04	.04	.02	.022	23	.06
27	.01	.01	.02	.02	.02	.03	.03	.04	.03	.02	.02	.02	.02	.02		.03	.03	.02	.02	.03	.03	.03	.04	.04	.025	23	.04
28	.04	.04	.03	.03	.03	.03	.04	.08	.09	.06	.04	.04	.03	.02		.03	.03	.02	.02	.03	.04	.05	.04	.03	.039	23	.11
29	.04	.02	.01	.01	.03	.03	.05				.05	.03	.03	.04		.03	.04	.04	.03	.04	.04	.05	.05	.05	.033	20	.05
30	.04	.03	.02	.02	.01	.01	.02	.01	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.01	.04	.02	.01	.016	23	.05
31	.01	.02	.02	.01	.02	.03	.04	.04	.03	.04	.05	.02	.02	.02			.04	.02	.02	.03	.02	.01	.01	.01	.023	22	.06
MEAN	.03	.02	.02	.02	.02	.03	.04	.04	.04	.03	.03	.02	.02	.03		.03	.03	.02	.02	.03	.03	.03	.03	.03	.027		
NO	31	31	31	31	31	30	28	22	22	24	27	29	30	26	1	24	30	29	30	29	30	30	31	30		657	
MAX	.06	.05	.05	.06	.06	.05	.07	.09	.09	.07	.05	.04	.04	.05	.05	.06	.06	.04	.05	.05	.06	.06	.06	.06	.039		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-30

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JUNE 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.01	.03	.02	.02	.02	.02	.04	.04	.04	.04	.04	.08	.03	.02			.02	.02	.02	.03	.04	.04	.05	.05	.033	22	.11
2*	.05	.05	.03	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01			.01	.01	.02	.04	.05	.06	.04	.03	.026	22	.06
3	.04	.02	.02	.02	.03	.05	.05	.10	.09	.08		.01	.02	.03			.05	.03	.04	.05	.05	.06	.04	.03	.042	21	.12
4																											
5	.01	.02	.02		.03	.03	.04	.10	.10	.05	.06	.03	.04	.05			.02	.03	.03	.03	.03	.06	.03	.06	.040	21	.14
6	.01	.00	.00		.02	.02	.02	.03	.02	.03	.02	.03	.04	.03			.04	.03	.03	.02	.03	.03	.03	.03	.023	21	.05
7	.03	.03	.04	.03	.03	.04	.04	.05	.04	.04	.03	.03	.02	.03		.08	.06	.03	.03	.03	.04	.04	.05	.04	.038	23	.09
8*	.04	.03	.03	.03	.03	.03	.02	.03	.03	.02	.02	.02	.02	.02			.03	.03	.03	.03			.02	.03	.026	20	.05
9*	.04	.04	.03	.02	.02	.02	.02	.03	.02	.01	.01	.01	.00	.00		.02	.03	.02	.02	.03	.03	.04	.02	.02	.021	23	.06
10	.03	.03	.02	.03	.02	.04	.06	.09	.05	.03	.04	.03	.03	.03			.05	.04	.03	.02	.02	.03	.04	.05	.036	22	.10
11	.04	.03	.03	.03	.04	.03	.06	.09	.06	.03	.03	.02	.02	.02			.04	.02	.02	.04	.06	.04	.05	.05	.038	22	.10
12	.05	.03	.03	.03	.02	.03	.06					.02	.03	.02			.03	.02	.03	.03	.04	.03	.06	.05	.033	18	.08
13	.03	.02	.01	.03	.02	.02	.05	.08	.07	.03	.02	.02	.02	.03			.03	.02	.02	.03	.06	.05	.05	.03	.033	22	.09
14	.03	.03	.00	.00	.01	.02	.04	.04	.04	.04	.02	.02	.02	.03			.06	.05	.03	.04	.03	.02	.02	.02	.027	22	.07
15*	.02	.02	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03		.02			.02	.02	.02	.02	.03	.04	.04	.03	.026	21	.05
16*	.02	.03	.03	.03	.01	.01	.01	.01	.02	.02	.03	.01	.01	.01		.01	.01	.02	.02	.02	.02	.03	.02	.03	.018	23	.04
17	.02	.01	.01	.01	.01	.04	.05	.07	.05	.04	.03		.03				.03	.02	.01	.03	.05	.06	.04	.03	.031	20	.08
18	.03	.02	.02	.01	.02	.03	.04						.01				.02	.01	.01	.02	.02	.02	.02	.03	.019	16	.05
19	.02	.01	.02	.00	.01	.02	.03	.06	.03	.03	.03	.02	.02	.02			.03	.03	.04	.04	.03	.02	.02	.02	.024	22	.06
20	.00	.01	.01	.02	.03	.02	.04	.05	.05	.05	.04	.03	.03	.03			.04	.02	.02	.01	.03	.04	.05	.05	.029	22	.06
21	.01	.01	.01	.01	.01	.03	.03	.04	.04	.05	.05	.03	.03	.03			.03			.02	.02	.02	.04	.04	.027	20	.06
22*	.03	.04	.03	.02	.02	.05	.05	.04			.02	.02	.02	.03			.02	.02	.03	.01	.02	.02	.02	.03	.026	20	.06
23*	.04	.03	.01	.03	.03	.03	.03	.02	.01			.01	.01	.01			.01	.01	.02		.04		.00	.01	.018	18	.05
24	.00	.01	.02		.03	.03	.03	.04	.03	.03	.03	.02		.03			.04	.03	.03	.04	.03	.02	.02	.02	.027	20	.05
25	.03	.02	.02	.01	.02	.03	.04	.04	.04	.06	.04	.04	.03	.03		.03	.03	.02	.02	.02	.02	.02	.02	.03	.028	23	.07
26	.03	.02	.03	.03	.02	.03	.05	.10					.03	.03			.05	.02	.02	.04	.05	.04	.03	.05	.036	18	.13
27	.05	.04	.02	.01	.01	.02	.03					.02	.02	.02		.03	.03	.02	.02	.04	.06	.08	.07	.05	.033	19	.08
28	.04	.04	.03	.01	.01	.01	.04	.06	.09	.10	.04	.04	.04	.03			.04	.02	.02	.05	.06	.05	.04	.03	.039	22	.13
29*	.03	.04	.04	.03	.04	.06	.05		.05	.03	.02	.02	.02	.02		.02	.02	.02	.03	.02	.02	.02	.03	.01	.028	22	.08
30*	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01		.01	.01	.01	.02	.03	.03	.03	.04	.02	.014	23	.05
MEAN	.03	.02	.02	.02	.02	.03	.04	.05	.04	.04	.03	.02	.02	.02			.03	.02	.02	.03	.04	.04	.03	.03	.029		
NO	29	29	29	26	29	29	29	25	24	23	23	26	27	27		7	29	28	28	28	28	27	29	29		608	
MAX	.05	.05	.04	.03	.04	.06	.06	.10	.10	.10	.06	.08	.04	.05		.08	.06	.05	.04	.05	.06	.08	.07	.06	.042		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-31

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
JULY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.01		.01	.01	.01	.02	.02										.03	.03	.03	.03	.03	.02	.02	.02	.020	16	.04
2	.01	.01	.02	.03	.02	.03	.04	.07	.05			.04	.04	.03			.04	.02	.02	.02	.03	.03	.03	.02	.030	20	.08
3	.02	.02	.02	.03	.04	.05	.05	.06	.05	.05	.05	.04	.03	.04											.040	14	.06
4																											
5																											
6*	.03	.04	.02	.03	.02	.02	.02	.02											.02	.02	.06	.07	.07	.05	.034	14	.07
7*	.03	.02	.02	.02	.02		.04	.03	.02			.00	.01	.02			.02	.02	.02	.02	.03	.03	.02	.04	.023	19	.05
8	.05	.03	.03	.03	.03	.03	.06	.08			.03	.02	.03	.03			.04	.02	.03	.04	.04	.03	.03	.03	.035	20	.11
9	.03		.03	.03	.02	.03		.06	.07	.06	.03	.03	.04	.03		.06	.03	.02	.02	.02	.02	.03	.04	.05	.035	21	.08
10	.03	.03		.04	.04			.10	.09	.08	.06	.03	.02	.03			.04	.03	.03	.04	.04	.04	.04	.04	.043	19	.11
11	.03	.02	.03	.02	.03					.06	.05	.03	.04	.05			.06	.04	.04	.03	.05	.06	.07	.06	.041	18	.07
12	.05	.05	.04	.02	.02	.03		.06	.04	.05	.04	.02		.03			.04	.03	.04	.02	.02	.04	.03	.04	.035	20	.07
13*	.02	.02	.02	.02	.02	.03	.03	.03	.04	.03	.02	.02	.01						.03			.03	.02	.03	.024	17	.05
14*	.02		.01	.00			.02				.03	.01	.02	.01		.01	.02	.01	.02	.02		.03		.03	.018	15	.05
15		.02	.01	.01	.01	.02	.04	.10	.12	.05	.04	.04	.01	.01		.03	.03	.01	.02	.03	.05	.05	.04	.03	.035	22	.18
16	.03	.03	.02	.02	.01	.02	.03	.07	.06	.03	.04	.03	.02	.02			.03	.02	.02	.02	.03	.04	.03	.03	.029	22	.08
17																											
18																											
19		.00	.00	.00	.00	.01		.04	.05	.04	.03	.03	.02	.02			.03	.02		.05	.04	.03	.03	.02	.023	19	.07
20*	.02	.02	.02		.01	.01				.04			.02			.02	.01	.01		.03		.03		.03	.019	13	.05
21*	.02	.01	.01		.01		.02	.01	.01	.01	.00	.01	.01			.02	.02	.02	.01		.05		.02		.05	.017	17	.06
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30								.11	.08			.03	.04			.05	.06	.03	.05	.04	.04	.03	.05	.01	.046	13	.13
31	.01	.01	.01	.01	.02	.01	.03	.04	.03	.03	.02		.02			.03	.05	.04	.03	.04	.04	.03	.02	.02	.025	21	.06
MEAN	.03		.02	.02	.02								.02				.03	.02		.03		.04		.03			
NO	16	15	17	16	17	13	12	15	13	12	13	15	16	12		7	16	16	15	17	14	18	15	18		338	
MAX	.05	.05	.04	.04	.05	.05	.06	.11	.12	.08	.06	.04	.04	.05		.06	.06	.04	.05	.05	.06	.07	.07	.06	.046		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

4077

Table 3-32

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
AUG. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02	.02	.02	.02	.02	.03	.03	.08	.06	.05	.04	.03	.02	.02		.04	.04	.03	.02	.04	.03	.04	.02	.03	.032	23	.09
2	.02	.01	.02	.02	.02	.04	.05	.08	.12	.09	.09	.07	.04			.05	.04	.03	.04	.02	.01	.01	.02	.02	.040	22	.13
3*	.02	.02	.00	.01	.01	.02	.02	.03	.03	.03	.02	.01					.02	.02	.04	.05	.05	.06	.06	.05	.027	20	.07
4*	.04	.03	.04	.05	.04	.03	.02	.01	.02	.01	.02	.01	.01				.01	.02	.02	.03	.03	.03	.02	.03	.024	21	.06
5	.02	.01	.01	.01	.02	.03	.03	.06	.08	.11	.06	.03	.02	.04		.03	.01	.02	.02	.03	.04	.04	.01	.02	.033	23	.13
6	.03			.02	.01	.03	.05	.08	.05	.04	.04	.03	.02	.02		.02	.03	.03	.04	.02	.02	.03	.05		.032	20	.10
7	.01	.01	.02	.02	.03	.04		.09		.06		.04	.03	.02		.06	.06	.05	.05	.06	.05	.05	.04	.04	.041	20	.11
8	.05	.05	.05	.04	.03	.04	.06	.08	.07			.05	.04	.03		.02	.03	.02	.02	.03	.04	.05	.04	.03	.041	21	.09
9	.02	.01	.01	.01	.02	.03	.04	.06	.05	.04	.04	.04	.03	.04		.05	.04	.03	.04	.04	.03	.03	.02	.03	.032	23	.06
10*	.04	.04	.04	.04	.04	.05	.06	.07	.08	.07	.07	.07	.08	.08											.058	14	.09
11*																											
12																											
13																											
14																											
15																											
16		.02	.02	.01	.01	.02	.02			.03	.02	.02	.02		.03	.04	.03	.02	.03	.02	.03	.04	.03	.02	.025	20	.05
17*	.01	.03	.03	.01	.02	.03	.03	.03	.03	.04									.02	.03	.02	.03	.03	.03	.026	16	.04
18*	.04	.05	.04	.04	.04	.04	.03	.04	.02	.01	.01	.01	.01		.01	.03	.03	.03	.04	.04	.06	.06	.05	.04	.034	23	.08
19	.04	.03	.02	.03	.04	.04	.05	.05	.02	.02	.02	.02	.02	.01		.04	.03	.02	.03	.03	.03	.05	.05	.04	.031	23	.07
20	.02	.02	.03	.03	.04	.03	.04	.06	.03	.05	.05	.02	.02	.02		.03	.04	.03	.04	.04	.05	.07	.06	.04	.036	23	.08
21	.03	.02	.00	.00	.00	.02	.03	.06	.04	.03	.03	.04	.04	.03		.04		.02	.03	.03	.04	.05	.04	.04	.028	22	.07
22	.03	.02	.02	.02	.04	.03	.04	.07	.06	.07	.03	.02	.02	.02			.04	.02	.02	.02	.03	.03	.02	.02	.031	22	.10
23																											
24*																											
25*																											
26		.02	.03	.01	.01	.02	.03	.06	.05	.07	.06	.02	.02	.02		.04	.05	.04	.06	.06	.05	.05	.04	.04	.038	22	.10
27	.02	.02	.02	.02	.03	.03	.04	.06		.07	.03	.02	.02	.03		.03	.03	.03	.02	.03	.02	.02	.03	.04	.029	22	.09
28	.04	.03	.02	.01	.01	.02		.04	.06	.04	.03	.02	.02	.02		.04	.04	.02	.02	.03	.03	.03	.02	.01	.026	22	.07
29	.00							.02	.02	.03	.03	.03	.03	.03		.05	.05	.03	.04	.04	.04	.05	.05		.034	16	.05
30		.03	.03	.03	.03	.04	.05	.11			.11	.04	.02	.03			.04	.03	.05	.05	.03	.03	.03	.05	.042	19	.15
31*	.05	.04	.04	.03	.03	.03	.03	.04	.02	.02	.03	.01	.02	.01		.01	.01	.01	.02	.03	.04	.04	.03	.03	.026	23	.06
MEAN	.03	.02	.02	.02	.02	.03	.04	.06	.05	.05	.04	.03	.02	.03		.04	.03	.03	.03	.03	.03	.04	.03	.03	.033		
NO	20	21	21	22	22	22	20	22	19	21	20	22	21	17	2	17	20	21	22	22	22	22	22	20		480	
MAX	.05	.05	.05	.05	.04	.05	.06	.11	.12	.11	.11	.07	.08	.08	.03	.06	.06	.05	.06	.06	.06	.07	.06	.05	.058		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-33

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
SEPT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1*	.02	.03	.03	.01	.01	.02	.01	.02	.02	.02	.01	.00	.00	.01		.01	.01	.01	.03	.03	.03	.02	.03		.016	22	.04
2	.01	.01			.00			.01	.01	.01	.01	.01						.00	.02	.02	.03	.03	.02	.02	.014	15	.04
3																											
4																											
5																											
6																											
7*																											
8*																											
9																											
10		.02	.03	.02	.03	.03	.03	.07	.07			.03	.02	.02		.03	.03	.04	.03	.03	.03	.03	.02	.02	.031	20	.08
11	.02	.02	.02	.01	.01	.02	.03	.05	.05	.04	.03	.02	.02	.02		.03	.05	.04	.05	.05	.04	.04	.03	.03	.030	23	.06
12	.03	.02	.01	.02	.02	.03	.04	.08	.08	.05	.03	.02	.02	.03		.02	.02	.02	.03	.03	.03	.03	.04	.03	.031	23	.10
13	.02	.01	.02	.02	.02	.02	.03	.04	.07	.06	.03	.02	.02	.02		.04	.04	.04	.04	.04	.04	.04	.04	.04	.032	23	.07
14*	.04	.03	.02	.01	.01	.01	.01	.03	.05	.03	.02	.02	.01	.01		.02	.03	.03	.03	.04	.04	.04	.02	.03	.024	23	.05
15*	.04	.04	.04	.03	.02	.03	.03	.04	.03	.01	.01	.01	.01	.01			.01	.01	.02	.02	.01	.01	.01	.01	.019	22	.04
16	.01	.01	.01	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.02	.03	.04	.03	.03	.023	23	.04
17	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02		.03	.03	.02	.02	.02	.04	.04	.04	.04	.027	23	.05
18	.03	.03	.03	.02	.02	.02	.03	.04	.08	.05	.02	.03	.02	.03		.03	.03	.03	.03	.04	.04	.04	.04	.04	.033	23	.10
19	.04	.02	.02	.03	.02	.02	.02			.05	.03	.02	.02	.02		.03	.03	.04	.03	.03	.04	.04	.04	.03	.029	21	.05
20	.04	.02	.01	.01	.02	.03	.04	.05	.07	.06	.07	.05	.05				.04	.03	.03	.03	.05	.04	.03	.01	.036	21	.08
21*	.03	.02	.02	.01	.03	.05	.05	.05	.05	.04	.03	.02	.03	.02		.02	.02	.03	.04	.03	.02	.02	.03	.03	.030	23	.06
22*	.04	.05	.05	.03	.04	.03	.04	.04	.03	.03	.02	.02	.03	.02		.04	.04	.04	.04	.05	.06	.06	.05	.03	.038	23	.06
23	.03	.03	.03	.02	.04	.04	.04	.06	.10	.12	.09	.05	.05	.04		.04	.05	.04	.07	.07	.08	.07	.06	.06	.055	23	.14
24	.05	.04	.03	.03	.03	.04	.05	.06			.05	.03	.01	.03			.06	.06	.07	.06	.05	.05	.05	.06	.047	20	.08
25	.04	.03	.04	.03	.03	.04	.04	.05	.06	.06	.04	.03	.02	.02		.03	.04	.05	.05	.05	.05	.05	.04	.04	.041	23	.08
26	.04	.03	.03	.03	.03	.04	.04	.07	.08	.09	.06	.05	.04	.04		.05	.05	.04	.05	.05	.05	.05	.04	.03	.046	23	.10
27	.04	.04	.03	.03	.03	.03	.04	.06	.06	.07	.04	.02	.02	.03		.05	.05	.04	.06	.05	.04	.03	.04	.04	.041	23	.07
28*	.04	.04	.03	.03	.03	.03	.03	.04	.07	.03	.03	.03	.02	.02		.02	.03	.03	.03	.02	.02	.02	.02	.03	.029	23	.08
29*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.04	.04		.03	.04	.06	.06	.06	.05	.05	.05	.03	.029	23	.07
30	.04	.03	.02	.03	.03	.03	.03	.06	.04	.04	.03	.02		.03				.05	.08	.06	.06	.04	.03	.03	.038	20	.09
MEAN	.03	.03	.02	.02	.02	.03	.03	.04	.05	.04	.03	.02	.02	.02		.03	.03	.03	.04	.04	.04	.04	.03	.03	.032		
NO.	22	23	22	22	23	22	22	22	21	21	22	23	21	21		18	21	23	23	23	23	23	23	22		506	
MAX	.05	.05	.05	.03	.04	.05	.05	.08	.10	.12	.09	.05	.05	.04		.05	.06	.06	.08	.07	.08	.07	.06	.06	.055		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

AUTO DATA PROCESSING SYSTEMS

CONTINUOUS AIR MONITORING PROGRAM

Table 3-34

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DENVER, COLO.

NITROGEN DIOXIDE
OCT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.03	.03	.03	.02	.02	.03	.03			.04	.06	.05	.04	.03		.04	.03										
2										.02	.02	.02	.02	.02		.03	.03	.03	.03	.02	.02	.03	.03	.02	.033	14	.06
3	.01	.02	.02	.02	.02	.02	.03	.03		.03	.04	.05	.04	.03		.06	.05	.03	.04	.04	.05	.05	.05	.05	.024	14	.03
4	.05	.04	.04	.03	.04	.04	.04	.05	.07	.07	.07	.10	.11	.09		.09	.07	.02	.01	.02	.03	.02	.02	.02	.036	22	.07
5*	.02	.03	.03	.03	.02	.01	.03	.02	.01	.02	.02	.01	.01	.01		.01	.02	.03	.04	.04	.04	.04	.04	.03	.049	23	.14
6*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.03	.02		.02	.02	.05	.07	.07	.06	.04	.04	.03	.025	23	.04
7	.04	.04	.05	.05	.04	.04	.04	.06	.07	.03		.03	.02	.03		.04	.04	.03	.02	.04	.04	.04	.02	.02	.031	23	.08
8	.02	.02	.02	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.02		.04	.04	.04	.03	.03	.03	.02	.02	.02	.037	22	.09
9	.03	.02	.01	.02	.02	.03	.03	.04		.04	.04	.03	.03	.03		.04	.04	.05	.04	.05	.06	.04	.04	.03	.026	23	.04
10	.03	.03	.03	.04	.03	.04	.04	.05	.05	.08	.07	.08	.10	.07		.06	.07	.07	.10	.09	.05	.05	.05	.04	.033	22	.06
11	.02	.03	.02	.03	.03	.03	.04	.07	.08		.07	.04	.02	.02		.03	.03	.04	.04	.05	.04	.04	.04	.04	.057	23	.11
12*	.04	.04	.03	.03	.03	.03	.03	.03	.05	.05	.06	.05	.04	.03		.03	.04	.06	.07	.07	.07	.07	.05	.04	.038	22	.09
13*	.04	.04	.04	.04	.04	.03	.03	.03	.03	.04	.05	.04	.03	.02		.02	.03	.05	.05	.05	.05	.04	.03	.03	.045	23	.08
14	.02	.02	.01	.01	.02	.03	.02		.02	.02	.02	.01	.01	.01		.02	.03						.02	.02	.036	23	.06
15	.02	.02	.02	.01	.03	.02	.02	.03	.03	.03	.03	.03	.04	.04			.04	.03	.02	.01	.02	.01	.01	.01	.018	17	.03
16	.01	.02	.02	.02	.02	.03	.04	.05			.02	.02	.03	.03		.03	.03	.03	.03	.03	.03	.02	.03	.02	.023	22	.05
17	.01	.01	.02	.02	.02	.03	.04	.04			.03	.03	.03	.03			.03	.03	.03	.02	.02	.03	.03	.03	.026	21	.05
18	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.03		.04	.04	.05	.06	.06	.05	.04	.04	.04	.026	20	.05
19*	.04	.04	.04	.04	.03	.04	.04	.06	.07	.06	.05	.03	.02	.03			.04								.043	23	.06
20*																									.040	15	.07
21	.03	.02	.02	.03	.03	.04	.05	.06		.06	.03		.03	.03			.04	.04	.04	.04	.04	.03	.03	.04	.035	20	.11
22	.04	.03	.03	.04	.04	.05	.05	.07	.07	.08	.13	.11	.07	.05			.03	.03	.03	.03	.02	.03	.04	.02	.049	22	.17
23	.03	.03	.03	.03	.02	.03	.04	.05	.06	.03	.02	.03	.02				.04	.04	.05	.05	.04	.04	.03	.03	.034	21	.07
24	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.05		.05	.06	.07	.07	.07	.07	.05	.04	.04	.048	23	.08
25	.04	.04	.03	.03	.04	.04	.04	.05	.06	.07	.05	.04	.04	.04			.14	.18	.13	.15	.08	.05	.05	.05	.065	22	.19
26*	.05	.04	.04	.04	.03	.04	.05	.05	.08	.08	.03	.03	.04	.02			.02	.03	.04	.04	.02	.04	.04	.03	.039	22	.11
27*	.03	.03	.02	.03	.03	.04	.04	.04	.04	.03	.04	.03	.02	.02			.04	.05	.06	.08	.07	.06	.05	.05	.040	22	.08
28	.07	.04	.04	.04	.03	.04	.05	.05	.08	.09	.08	.07	.05	.04			.05	.06	.05	.05	.05	.04	.04	.04	.052	22	.11
29	.04	.03	.03	.03	.03	.03	.03	.04	.05	.06	.05	.05	.04	.03			.08	.07	.05	.07	.06	.06	.05	.05	.047	22	.09
30	.04	.04	.03	.04	.04	.03	.03	.04	.06	.06	.05	.03	.03	.03			.05	.05	.04	.04	.04	.04	.04	.04	.040	22	.08
31	.03	.03	.02	.01			.04		.04									.05	.04	.05	.05	.04	.03	.04	.035	13	.05
MEAN	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04	.03		.04	.04	.05	.05	.05	.04	.04	.04	.03	.038		
NO	29	29	29	29	28	28	29	26	23	26	28	28	29	28		17	29	27	27	27	27	27	28	28		626	
MAX	.07	.04	.05	.05	.04	.05	.05	.07	.08	.09	.13	.11	.11	.09		.09	.14	.18	.13	.15	.08	.07	.05	.05	.065		.19

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-35

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

NITROGEN DIOXIDE
NOV. 1968

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.04	.03	.03	.04	.04	.05	.04	.04	.06		.04	.05	.05	.05			.06	.05	.05	.05	.05	.05	.05	.05	.046	21	.07
2*																											
3*		.04	.04	.05	.05	.05	.05	.06	.06	.07	.07	.06	.06	.05		.06	.07	.07	.07	.07	.08	.08	.08	.06	.061	22	.08
4	.06	.07	.07	.06	.04	.05	.05	.05	.09	.07	.07	.06	.05	.04			.08	.07	.05	.04	.03	.04	.05	.05	.056	22	.11
5	.06	.05	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.03			.05	.05	.04	.03	.02	.02	.02	.02	.032	22	.06
6	.02	.02	.01	.01	.02	.02	.02	.03	.03			.03					.03	.04	.04	.04	.02	.02	.02		.025	17	.04
7																											
8																											
9*																											
10*																											
11																											
12																											
13																											
14																											
15		.03	.03	.03	.03	.02	.02	.03	.05	.06			.07	.08		.07	.06	.05	.05	.03	.03	.[illegible]	.04	.06	.043	20	.08
16*																											
17*																											
18								.03	.04	.06				.05		.06	.07	.06	.06	.07	.06	.06	.04	.03	.052	13	.07
19	.03	.03	.04	.04	.03	.04	.04	.05	.08	.11	.09	.03	.03	.04		.03	.04	.05	.05	.04	.04	.03	.03	.03	.044	23	.12
20	.02	.03	.02	.02	.03	.04	.04	.07	.11	.16	.09	.08	.13	.15		.17	.19		.14	.09	.05	.04	.04	.04	.079	22	.21
21	.03	.03	.03	.03	.03	.04	.03	.04	.04				.02	.02		.04	.06	.06	.05	.05	.04	.05	.05	.04	.040	20	.06
22	.04	.03	.03	.03	.02	.03	.03	.03	.04	.04	.05		.05	.06		.02	.03	.02	.02	.02	.02	.02	.03	.03	.030	22	.06
23*	.02	.02		.02	.02	.02	.02	.03	.02	.02		.03	.02	.02		.02	.02	.03	.03	.04	.04	.04	.04	.04	.025	21	.05
24*	.04	.05	.05	.04	.04	.05	.04	.04	.03	.02	.04	.03	.03	.04		.02	.03	.04	.04	.04	.04	.04	.05	.04	.039	23	.05
25	.04	.04	.04	.04	.04	.03	.04	.04	.11	.05	.02		.01	.01	.00	.01	.03	.03	.02	.02	.03	.03	.02	.02	.031	23	.14
26	.01	.02	.01	.02	.02	.02	.03	.03	.04	.05	.03	.03	.04	.04		.04	.04	.05	.06	.05	.05	.04	.04	.04	.034	23	.06
27	.04	.05	.04	.04	.03	.04	.03	.04	.05	.08	.08	.10	.07	.04		.03	.05	.05	.04	.04	.03	.03	.03	.02	.044	23	.14
28	.02	.02	.01	.02	.01	.01	.02	.02	.02	.01	.01	.02	.02	.02		.02	.04	.03	.04	.04	.04	.05	.04	.04	.024	23	.05
29	.04	.04	.04	.03	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04		.04			.05	.05	.05	.04	.04	.04	.038	21	.05
30*	.04	.04	.03	.04	.04	.03	.04	.04	.03	.03	.04	.04	.04	.05		.04	.05	.05	.07	.08	.07	.06	.05	.05	.046	23	.09
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05			.04	.05			.05	.05	.05	.05	.04	.04	.04	.04	.041		
NO	16	18	17	18	18	18	18	19	19	16	14	14	17	18	1	15	18	17	19	19	19	19	19	18		404	
MAX	.06	.07	.07	.06	.06	.05	.05	.07	.11	.16	.09	.10	.13	.15	.00	.17	.19	.07	.14	.09	.08	.08	.08	.06	.079		.21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

ALLIED CHEM PHOENIX SYSTEMS

A0084

CONTINUOUS AIR MONITORING PROGRAM

Table 3-36

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
COLORIMETRIC ANALYSIS

NITROGEN DIOXIDE
DEC. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.04	.04	.04	.03	.03	.04	.04	.04	.03	.03	.03	.03	.02	.02		.03	.03	.04	.04	.04	.04	.05	.04	.03	.033	23	.06
2	.03	.03	.04	.04	.04	.03	.03	.05	.06		.10		.03	.03		.03	.05	.06	.05	.06	.06	.07	.08	.08	.049	21	.11
3	.08	.07	.07	.07	.07	.09	.11	.11	.11	.10	.04		.02	.03		.05	.04	.05	.05	.03	.02	.01	.01	.02	.056	22	.12
4	.04	.04	.03	.04	.02	.01	.02	.03	.06	.05	.03	.03					.04	.04	.02	.03	.03	.03	.02	.02	.030	20	.08
5	.02	.02	.02	.02	.02	.04	.04	.03	.04	.05		.06	.07	.08		.04	.04	.05	.05	.05	.03	.05	.02	.03	.039	22	.09
6	.03	.02	.02	.02	.01	.03	.04	.04	.05	.04	.03	.02	.03	.02		.02	.03	.04	.02	.02	.02	.02	.02	.02	.026	23	.06
7*	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.04	.05	.05	.06		.06	.06	.04	.04	.04	.04	.04	.04	.05	.033	23	.07
8*	.04	.04	.04	.04	.03	.04	.04			.02	.02	.03	.05	.05		.02	.03	.05	.05	.05	.04	.05	.04	.04	.039	21	.06
9	.04	.04	.04	.05	.04	.04	.03	.04		.06	.07	.07	.07	.06		.03	.04	.04	.06	.06	.05	.04	.04	.04	.047	22	.08
10	.03	.03	.04	.04	.05	.05	.06	.07	.08	.15	.27	.22	.05	.02		.10	.07	.06	.06	.05	.04	.04	.04	.03	.071	23	.31
11	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02		.02	.03	.03	.02	.03	.03	.01	.01	.01	.023	23	.04
12	.01	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.02	.01	.01		.02	.02	.03	.02	.02	.02	.02	.02	.03	.013	23	.04
13	.02	.01	.01	.01	.01	.01	.02	.04	.04	.05	.03	.03	.02	.03		.03	.04	.05	.04	.04	.04	.04	.04	.06	.031	23	.06
14*	.06	.05	.06	.07	.07	.06	.05	.05	.05	.05	.07	.14	.17	.13			.06	.05	.06	.06	.06	.08	.08	.08	.073	22	.18
15*	.08	.07	.08	.07	.08	.07	.06	.06	.05	.07	.06	.06	.05	.04		.03	.03	.03	.03	.04	.04	.04	.04	.05	.052	23	.08
16	.04	.04	.05	.04	.04	.04	.05	.07	.09			.08	.06				.06	.06	.05	.06	.07	.07	.07	.07	.057	19	.12
17	.06	.07	.06	.07	.07	.06	.04	.04	.06	.08	.04	.02	.02	.02			.03	.04	.04	.02	.02	.02	.02	.01	.042	22	.11
18	.01	.01	.01	.02	.02	.03	.03	.04	.04	.04	.05		.05	.05		.02	.03	.04	.04	.04	.05	.04	.05	.04	.034	22	.06
19	.04	.03	.04	.04	.04	.04	.04	.05	.04	.05	.05	.04	.04	.05		.08	.08	.05	.05	.05	.04	.04	.06	.06	.047	23	.09
20	.05	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03		.04	.03	.03	.02	.02	.03	.03	.03	.03	.032	23	.05
21*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.02	.03	.02	.02	.03	.028	23	.03
22*	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.03	.03	.02	.01		.02	.03	.04	.05	.05	.06	.05	.05	.06	.035	23	.07
23																											
24																											
25	.05	.05	.05	.04	.01	.02	.02	.03	.03	.04		.05	.06				.04	.06	.06	.04	.05	.05			.041	18	.07
26	.00				.03	.04	.05	.05				.04	.03	.03		.04	.06	.06	.05	.04	.04	.03	.03	.02	.038	17	.07
27	.02	.02	.03	.03	.09	.02	.03	.04		.05	.04	.02	.03	.03		.02	.03	.04	.04	.04	.04	.03	.04	.04	.031	22	.06
28*	.03	.03	.03	.04	.03	.04	.04	.04	.05	.05	.05	.07	.06	.02		.02	.02	.02	.03	.03	.02	.03	.05	.05	.038	23	.08
29*	.05	.05	.04	.04	.04	.04	.04	.04	.03	.03	.02	.03	.02	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.028	23	.06
30	.03	.03	.02	.02	.02	.03	.03	.04	.04	.04	.05	.04	.04	.03			.03	.01	.01	.02	.02	.02	.02	.03	.027	22	.07
31	.03	.04	.04	.03	.03	.04	.04	.04	.07	.05	.05	.06	.07	.06		.04	.06	.06	.04	.04	.04	.04	.02	.03	.044	23	.09
MEAN	.04	.03	.03	.04	.03	.04	.04	.04	.05	.05	.05	.05	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.039		
NO	29	28	28	28	29	29	29	28	25	26	25	26	28	26		23	29	29	29	29	29	28	28			637	
MAX	.08	.07	.08	.07	.08	.09	.11	.11	.11	.15	.27	.22	.17	.13		.10	.08	.06	.06	.06	.07	.08	.08	.08	.073		.31

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-37

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JAN. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9																											
10	.06	.04	.03	.08	.07	.04	.03	.02 .03	.02 .05	.02 .08	.02 .05	.02 .05	.02 .04	.02 .05	.02 .05	.02 .04	.02 .04	.02 .03	.02 .02	.02 .02	.04 .02	.04 .02	.05 .02	.05 .03	.025 .041	17 24	.07 .14
11	.05	.04	.05	.04	.04	.04	.05	.04	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.023	24	.12
12	.02	.03	.03	.04	.05	.04	.03	.04	.09	.08	.05	.03	.02	.02	.01	.03	.03	.03	.03	.03	.04	.03	.05	.04	.037	24	.14
13*	.03	.03	.02	.03	.06	.03	.03	.04	.04	.04	.04	.04	.10	.07	.08	.07	.07	.06	.04	.04	.03	.03	.02	.03	.043	24	.14
14*	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.03	.02	.03	.02	.02	.02	.02	.02	.03	.02	.02	.022	24	.06
15	.03	.03	.04	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.03	.02	.02	.03	.03						.027	19	.09
16																											
17																											
18									.03	.03	.02	.02	.03	.03	.03	.02	.03	.02	.02	.03	.02	.03	.03	.02	.025	16	.04
19	.02	.03	.03	.02	.03	.03	.03	.08	.03			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.015	22	.15
20*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00								.001	17	.08
21*																											
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00		.01		.00	.00	.001	22	.03
23	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.04	.00	.03	.02	.00	.006	24	.15
24	.00	.00	.00	.00	.00	.00	.00	.00										.06	.05	.01	.00	.00	.00	.00	.008	15	.09
25																											
26																											
27*																											
28*																											
29												.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02	.015	13	.04
30	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.02	.02	.01	.02	.01	.01	.01	.01	.02	.03	.01	.01	.01	.017	23	.05
31	.01	.00	.00	.01	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.10
MEAN	13	13	13	13	13	13	13	14	14	12	13	15	15	15	15	15	15	15	15	13	14	13	14	14		332	
NO	.06	.04	.05	.08	.07	.04	.05	.08	.09	.08	.05	.05	.10	.07	.08	.07	.07	.06	.05	.04	.04	.04	.05	.05	.043		.15
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-38

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
FEB. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.00		.01	.01	.01				.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.002	18	.02
2	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
3*	.00	.00	.00	.00	.01	.01	.02	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.04
4*	.00	.00	.00	.01	.00	.00	.00	.00	.01			.00	.01	.01	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.005	22	.05
5	.01	.01	.01	.01	.01	.02	.01		.01	.05	.02	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.01	.01	.012	23	.09
6	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.010	24	.03
7																											
8																											
9																											
10*		.01	.01	.00	.00	.01	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.004	23	.05
11*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00									.00	.00	.00	.00		.002	15	.04
12				.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	18	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00											.000	14	.00
15								.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.001	17	.04
16	.00	.00	.00	.00	.00	.00	.00						.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.000	18	.00
17*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
18*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.03
19	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.04
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00							.00	.00	.00		.00	.00			.000	15	.00
21			.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	18	.00
22	.00	.00	.00	.00	.00	.00	.00	.00								.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	17	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.02
24*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.000	22	.00
25*																											
26		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
27	.00	.03	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00									.002	16	.12
28									.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	16	.02
29	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.08
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002		
NO	19	20	22	23	23	22	22	21	21	19	18	20	22	22	21	22	21	22	22	22	23	23	21	20		511	
MAX	.01	.03	.01	.01	.01	.02	.02	.01	.01	.05	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.012		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-39

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MARCH 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.03
2*	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.03
3*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
4																											
5									.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.03	.00	.00	.003	16	.14
6	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.002	24	.06
7	.00	.00	.05	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.18
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00										.000	15	.00
9*																											
10*																											
11		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
12	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.00	.00	.00	.00	.00								.000	16	.07
13																											
14																											
15											.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.02	.01	.00	.003	13	.08
16*	.00	.00		.00	.00	.03	.03	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.04	.02	.01	.02	.007	23	.11
17*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.001	23	.06
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
19	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.01
20	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.000	20	.00
21	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00							.000	17	.01
22									.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	16	.02
23*	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00												.00	.02	.08	.009	13	.13
24*																											
25		.00	.00	.01	.02	.00	.00	.00						.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.003	18	.04
26	.01	.00	.03	.01	.00	.01	.01	.01	.00	.00	.00			.00	.00	.00	.00	.00							.005	16	.10
27	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.001	23	.07
28	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.001	20	.09
29	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.03	.004	24	.09
30*	.03	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.004	24	.15
31*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.00	.001	24	.02
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.002		
NO	20	21	21	22	22	22	22	18	21	21	20	21	22	24	23	23	23	22	19	19	19	21	21	21		508	
MAX	.03	.02	.05	.01	.02	.03	.03	.01	.02	.01	.00	.01	.00	.01	.01	.01	.01	.00	.00	.01	.04	.03	.02	.08	.009		.18

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

AUTOMATIC DATA PROCESSING SYSTEMS

CONTINUOUS AIR MONITORING PROGRAM

Table 3-40

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
APRIL 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02	.00	.00	.00	.00	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00				.004	21	.03
2																											
3												.01	.00	.00	.00	.01	.00	.00	.01	.01	.00	.00	.00	.00	.004	13	.02
4	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00	.003	24	.07
5	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.01	.005	24	.09
6*	.00	.03	.04	.03	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.01	.007	24	.10
7*	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
8	.00	.01	.00	.00	.01	.01	.02	.01	.01	.01	.00	.00	.00	.01	.01	.01	.00	.01	.04	.01	.00	.01	.01	.03	.008	24	.06
9	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.03
10	.00	.00	.00	.00	.00	.00	.02	.04					.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	20	.09
11																											
12																											
13*																											
14*																											
15																											
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25																											
26																											
27*																											
28*																											
29																											
30																											
MEAN	8	8	8	8	8	8	8	8	7	7	7	8	9	9	9	9	9	9	9	9	9	8	8	8		198	
NO	.02	.03	.04	.03	.04	.01	.02	.04	.03	.02	.01	.01	.00	.02	.01	.02	.01	.01	.01	.01	.00	.01	.04	.03	.008		.10
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-41

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
MAY 1969

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*																											
12*																											
13																											
14																											
15																											
16												.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	13	.01
17	.00	.00	.00	.00	.00			.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.003	22	.03
18*																											
19*																											
20																											
21		.02	.01	.01	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01		.02				.016	19	.04
22											.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	14	.03
23	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.019	24	.04
24	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.016	24	.03
25*	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.01	.016	24	.04
26*	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02									.011	16	.04
27							.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02					.020	14	.03
28					.01	.02	.02	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.05			.024	18	.11
29		.03			.05	.03	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.024	20	.10
30																											
31							.05	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02					.023	14	.10
MEAN	5	7	6	6	8	7	9	10	10	10	11	12	12	12	12	12	11	11	11	10	8	8	7	7		222	
NO.																											
MAX.	.02	.03	.02	.02	.05	.03	.05	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.05	.02	.03	.024		.11

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

UNLESS RETURNED WITHIN SIXTY DAYS

Table 3-42

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
JUNE 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2*		.02	.02	.02	.02		.02	.02				.02	.02	.02	.02	.02	.02	.02	.02	.02	.02				.020	16	.07
3	.02		.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02				.019	20	.04
4	.01			.01	.02				.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.013	19	.04
5	.02	.00	.00	.00	.01	.01	.05	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.00	.01	.01	.011	24	.11
6	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.02
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00			.000	21	.03
8*																											
9*																											
10				.00	.01	.00	.00	.00	.00	.00						.00	.00	.00	.00	.00		.00	.00	.00	.001	15	.02
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18				.02	.01	.03	.01				.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.004	18	.08
19																											
20																											
21																											
22*		.01	.02	.00	.00	.00	.00	.01	.04	.03	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00		.00	.006	22	.05
23*																											
24											.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	14	.02
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.02
26	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.02	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.008	24	.04
27	.01	.01	.06	.03	.01	.01	.02			.00	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.02	.03	.01	.015	22	.14
28	.00	.00	.01	.00	.00	.00	.00	.01	.01	.02	.01	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.00	.01	.01	.009	24	.05
29*	.01	.01	.01	.00	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01			.010	22	.07
30*																											
MEAN																											
NO	10	10	11	14	14	12	13	11	10	11	12	13	14	14	13	15	15	15	15	15	14	13	10	11		305	
MAX	.02	.02	.06	.03	.02	.03	.05	.04	.04	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.01	.020		.14

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-43

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
JULY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1			.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.00						.003	17	.03
2																											
3								.01	.02	.01	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.005	17	.04
4	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.003	22	.08
5							.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	18	.03
6*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.002	24	.05
7*																											
8					.03	.00	.02	.01		.01	.01			.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	17	.07
9	.00				.00	.00	.00	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.006	21	.04
10	.00	.01	.00	.00	.02	.07	.04		.01	.01	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.010	23	.10
11	.02	.05	.00	.00	.00	.05	.04		.02	.01	.01	.00	.00	.01	.00	.00	.00	.01	.01	.00	.00	.01	.01	.03	.012	23	.09
12	.00	.00	.03	.02	.00	.01	.02	.01	.00	.02	.01	.01	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00		.008	23	.05
13*		.00			.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00		.002	20	.02
14*											.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.003	14	.03
15	.01	.00	.00				.01	.01	.02	.02	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.007	21	.07
16	.01	.05	.03	.05	.02	.00	.01	.01			.00	.01	.01	.02	.02	.01	.01	.01	.00	.00	.01	.01	.01	.00	.014	22	.16
17	.01	.00	.00	.00	.00	.01	.03	.01	.01	.01	.00	.02	.02	.01	.01	.01	.01		.01						.009	18	.07
18																											
19											.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	14	.02
20*							.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01					.010	14	.03
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
31																											
MEAN											.01	.01	.01	.01	.01	.01	.00	.00	.00								
NO	9	9	9	8	11	11	14	13	13	14	17	16	16	17	17	17	17	16	17	15	14	14	13	11		328	
MAX	.02	.05	.03	.05	.03	.07	.04	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.03	.014		.16

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

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Table 3-44

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
AUG. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3*																											
4*																											
5	.00	.01	.01	.00	.00	.00	.00	.01	.02	.02	.02	.01	.00	.00	.00	.01				.00	.00	.00	.00	.00	.005	21	.05
6	.00	.00	.01	.00	.03	.00	.02	.01	.02	.00	.02	.02	.01	.01	.00	.00	.00	.00	.00						.007	19	.11
7				.01	.00	.01	.01	.01	.02	.02	.03	.01							.01	.01	.01	.01	.01	.00	.011	15	.05
8	.01	.01	.04	.03	.02	.03	.02	.01	.02	.07	.04	.01	.01	.01			.00	.00			.01				.020	17	.12
9																											
10*																											
11*																											
12								.02		.01	.01	.01	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.01	.005	16	.04
13	.00	.00	.02	.00	.01	.01	.02	.01	.01	.02	.01	.01	.00	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.007	24	.05
14	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.00	.00								.00	.00	.004	17	.03
15	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.01	.00	.01	.003	24	.04
16																											
17*																											
18*		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.001	23	.03
19	.02	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.03	.02	.01	.004	22	.11
20	.00	.00	.01	.02	.04	.05	.07	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.01	.011	24	.15
21	.01	.00	.02	.01	.00	.00	.00											.01	.01	.01	.01	.01	.01	.01	.009	14	.06
22	.02	.01	.02	.02		.02	.02				.03	.00	.00			.02	.03	.03	.03	.03	.03	.03	.03	.03	.021	18	.05
23																											
24*																											
25*																											
26																											
27		.01	.01	.00	.00	.00	.01	.01	.01	.00			.02	.03	.02	.02	.02	.02	.01	.01	.00	.01	.01	.00	.009	21	.04
28	.01	.01	.00	.00	.00	.00	.02	.04	.03	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.013	24	.06
29	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02	.01	.01	.02	.07	.01	.02	.01	.01	.012	24	.11
30	.01	.01	.01	.08	.03	.03	.04	.05	.03	.03	.05	.02	.02	.01	.02	.02	.02	.01	.02	.01	.01	.01	.01	.01	.023	24	.15
31*	.01	.01	.01	.01	.02	.01	.01	.02	.01	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.013	24	.06
MEAN		.00	.01	.01	.01	.01	.01	.01		.01	.02	.01	.01								.01		.01	.01	.010		
NO	14	16	16	17	16	16	16	16	15	16	16	16	16	15	14	14	14	15	15	15	16	15	16	16		371	
MAX	.02	.01	.04	.08	.04	.05	.07	.05	.03	.07	.05	.02	.02	.03	.02	.02	.03	.03	.03	.07	.03	.03	.03	.03	.023		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-45

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
SEPT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.03	.02	.04	.05	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.11	.07	.03	.02	.030	24	.33
2	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.00	.00	.017	24	.05
3	.00	.00	.00	.00	.00	.00	.00	.02	.01	.03	.02	.03	.02	.01	.00	.00	.01	.02	.02	.02	.01	.03	.02	.01	.012	24	.08
4	.01	.01	.01	.01	.01	.02	.03	.04	.04	.05	.04	.04	.04	.03	.03	.02	.01	.01	.01	.01	.01	.03	.02	.02	.023	24	.07
5	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.03	.02	.02	.03	.02	.02	.01	.01	.01	.01	.01	.03	.01	.013	24	.06
6	.02	.00	.02	.02	.01	.02	.04	.04	.06	.06	.03	.03	.02	.03	.03	.03	.02	.02	.03	.03	.03	.03	.04	.03	.028	24	.10
7*	.01	.01	.00	.02	.03	.02	.02	.05		.03	.02	.02	.02	.02	.03	.02	.02	.02	.03	.02	.01	.01	.01	.01	.018	23	.09
8*	.00	.02		.04	.01	.01	.02	.04	.01	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.015	23	.06
9	.02	.03	.02	.02				.04	.05	.04	.04	.05	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02		.031	20	.07
10		.02	.02	.01	.01	.02	.02	.03	.04	.05	.04	.03	.03	.03	.03	.03	.03	.02	.03	.02	.03	.02	.01	.02	.026	23	.09
11	.05	.02	.02	.01	.02	.01	.03	.05	.02	.02	.02	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.012	24	.22
12	.00	.01	.01	.01	.00	.00	.01	.02	.02	.01	.00	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.007	24	.06
13	.02	.00	.00	.00	.01	.00	.01	.01	.02	.04	.03	.02	.02	.03	.03	.02	.02	.01	.01	.00	.01	.00	.01	.00	.013	24	.06
14*	.01	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.006	24	.02
15*	.00	.00	.00	.00	.01	.00	.00	.02	.00	.00	.00	.00	.00	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.009	24	.06
16	.00	.01	.00	.00	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.016	24	.04
17	.01	.02	.01	.01	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.03	.04	.05	.06	.06	.07	.06	.06	.06	.07	.034	24	.08
18	.07	.08	.08	.08	.07	.04	.04	.04	.05		.06	.02	.02	.03	.03	.02	.01	.00	.00	.01	.02	.01	.01	.01	.034	23	.14
19	.02	.01	.00	.00	.00	.00	.02	.04	.07	.07	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.019	24	.08
20																											
21*																											
22*												.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	13	.02
23	.00	.00	.00	.00	.00	.00	.01	.03	.05	.04	.05	.02	.03	.03	.02	.02	.02	.01	.01	.02	.02	.02	.02	.01	.017	24	.08
24	.00	.00	.00	.00	.00	.02	.03	.03	.03	.04	.05	.02	.01	.01	.01	.01	.02	.01	.01	.01	.00	.00	.00	.00	.013	24	.08
25	.00	.00	.01	.01	.02	.04	.05	.05	.05	.04	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.014	24	.06
26	.02	.00	.00	.00	.00	.02	.03	.04	.03	.02	.01	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.011	24	.05
27	.00	.00	.00	.00	.00	.00	.00	.01	.04	.02	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.005	24	.07
28*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.04
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.04
30	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.00	.00	.01	.00	.00	.00	.00	.01	.01	.02	.00	.00	.00	.004	24	.04
MEAN	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.01	.01	.01	.015		
NO	26	27	26	27	26	26	26	27	26	26	27	28	28	28	28	28	28	28	28	28	28	28	28	27		653	
MAX	.07	.08	.08	.08	.07	.04	.05	.05	.07	.07	.06	.05	.04	.03	.03	.04	.05	.06	.06	.07	.11	.07	.06	.07	.034		.33

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

ALTADD CORP BUSINESS SYSTEMS

CONTINUOUS AIR MONITORING PROGRAM

Table 3-46

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
OCT. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.02	.01	.006	23	.05
2	.01	.01	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	24	.04
3	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.02	.02	.02	.04	.03	.01	.02	.01	.02	.02	.02	.01	.017	24	.05
4	.01	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03	.07	.08	.07	.05	.03	.03	.02	.02	.02	.02	.02	.01	.02	.028	24	.12
5*	.02	.02	.02	.02	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	24	.05
6*	.04	.03	.07	.02	.05	.06	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.05	.02	.02	.03	.030	24	.17
7	.06	.07	.06	.05	.05	.06	.08	.08	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01	.01	.01	.033	24	.15
8	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.015	24	.04
9	.02	.01	.02	.02	.01	.01	.02	.07	.04	.03	.02	.01	.01	.12	.02	.02	.02	.02	.02	.02	.06	.02	.12	.20	.038	24	.50
10	.02	.05	.02	.03	.02	.02	.03	.04		.04	.07	.08	.03	.03	.03	.02	.01	.03	.02	.03	.03	.12	.08	.06	.040	23	.28
11				.02						.01	.02	.01	.01	.01	.01	.01	.01	.01	.00	.01	.03	.11	.05	.05	.023	16	.20
12*	.13	.05	.01	.07	.06	.09	.05	.04	.05	.04	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.02	.07	.07	.06	.037	24	.30
13*	.01	.03	.02	.03	.05	.03	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.01	.01	.03	.16	.03	.04	.09	.025	24	.30
14	.01	.00	.02	.20	.09	.02	.01	.01	.01	.04	.01	.01	.01	.01	.01	.02	.04	.04	.03						.031	19	.37
15																											
16																											
17	.01	.01	.00	.00	.04	.09	.02	.02	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.014	24	.29
18	.02	.02	.02	.03	.02	.02	.01			.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.02	.016	22	.05
19*	.01	.01	.12	.11	.02	.02	.02	.04	.02	.02	.01	.01	.01	.01	.01	.01	.01								.028	17	.43
20*																											
21	.05	.00	.00	.04	.08	.02	.07	.07	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.021	24	.25
22	.00	.00	.01	.01	.02	.02	.05	.04	.02		.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.014	23	.12
23	.00	.01	.01	.01	.01	.02	.03	.03	.01	.04	.02	.02	.01	.03	.02	.01	.01	.01	.01	.01	.04	.01	.01	.01	.015	24	.11
24	.01	.01	.01	.01	.02	.04	.01	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.06	.05	.01	.01	.01	.019	24	.17
25	.01	.02	.01	.01	.02	.02	.02	.02	.03	.04	.02	.02	.02												.019	13	.07
26*	.02	.02	.02	.01	.02						.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	18	.04
27*	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02							.020	17	.04
28																											
29																											
30																											
31	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.018	22	.04
MEAN	.02	.02	.02	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.022		
NO	24	23	24	25	24	23	23	21	21	23	25	24	24	23	24	24	24	23	22	21	21	21	21	21		549	
MAX	.13	.07	.12	.20	.09	.09	.08	.08	.05	.04	.07	.08	.08	.12	.05	.04	.04	.04	.03	.06	.16	.12	.12	.20	.040		.50

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-47

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM

CONDUCTOMETRIC ANALYSIS

SULFUR DIOXIDE
NOV. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.02	.02	.02	.03	.04	.03	.03	.04	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.023	24	.07
2*	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.01	.02	.03	.05	.02	.017	24	.07
3*	.01	.01	.05	.11	.09	.02	.03	.10	.05	.04	.02	.03	.03	.03	.03	.05	.03	.02	.02	.07	.07	.03	.03	.02	.038	24	.25
4		.06	.07	.24				.08	.04	.04	.04	.19	.03	.03	.02	.02	.03	.02	.01	.02	.01	.01	.01	.01	.049	20	1.28
5	.03	.01	.01	.01	.02	.01	.01	.01	.01		.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.018	23	.06
6	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.018	24	.03
7	.03	.02	.02	.03	.03	.03	.03	.02	.06	.10	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.05	.05	.035	24	.15
8	.03	.03	.05	.04	.03	.04	.07	.06	.06		.09	.05	.05	.03	.03	.03		.03	.02	.02	.02	.01	.01	.01	.036	22	.18
9*	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.018	24	.05
10*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.016	24	.05
11	.01	.01	.01	.03	.02	.02	.03	.03	.02	.03	.05	.05	.03		.02	.02	.02	.02	.03	.05	.03	.02	.02	.02	.025	23	.11
12	.02	.03	.02	.02	.02	.02	.03	.02	.03		.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.05
13	.02	.02	.02	.02	.02	.02	.02					.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.020	20	.04
14	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018	24	.03
15	.02	.02	.03	.02	.02	.02	.03	.02	.03	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.03	.022	24	.06
16*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.03
17*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	24	.03
18	.02	.02	.02	.03	.02	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	24	.04
19	.02	.02	.02	.02	.02	.02	.02	.05	.05	.03	.04	.02	.03	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	24	.10
20	.02	.03	.02	.03	.02	.02	.02	.03	.04	.05	.06	.04	.04	.05	.05	.05	.08								.036	17	.08
21																											
22																											
23*																											
24*		.05	.05	.03	.03	.03	.05	.03	.03	.03	.04	.03	.04	.04	.04	.04	.04	.04	.05	.06	.05	.06	.05	.04	.041	23	.17
25	.04	.04	.03	.05	.08	.07	.06	.11	.09	.04	.03		.03	.04	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.044	23	.13
26	.02	.03	.04	.05	.04	.04	.05	.04	.12	.03	.03	.02	.02	.03	.05	.03	.02	.02	.03	.02	.04	.04	.04	.03	.036	24	.40
27	.04	.05	.06	.02	.03	.04	.03	.03	.03	.01	.03	.17	.10	.06	.04	.04	.05	.04	.03	.03	.02	.02	.03	.02	.041	24	.24
28	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.02	.02	.03	.03	.03	.03	.03	.023	24	.04
29	.02	.02	.03	.02	.02	.02	.02	.02	.05	.05	.05	.04	.04	.02	.03	.02	.21	.03	.04	.04	.04	.03	.04	.04	.040	24	1.81
30*																											
MEAN	.02	.02	.03	.03	.02	.02	.03	.03	.04	.03	.03	.04	.03	.03	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02	.027		
NO	24	26	26	26	25	25	25	25	25	22	25	25	26	25	26	26	25	25	25	25	25	25	25	25		602	
MAX	.04	.06	.07	.24	.08	.07	.07	.11	.12	.10	.09	.19	.10	.06	.05	.05	.21	.04	.05	.07	.07	.06	.05	.05	.049		1.81

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

ALIAS EASY BUSINESS SYSTEMS

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-48

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
CONDUCTOMETRIC ANALYSIS

DENVER, COLO.

SULFUR DIOXIDE
DEC. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*																											
2		.00	.00	.00	.01	.01	.00		.03	.01		.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.004	21	.04
3	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.05
4	.01	.01	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.04
5	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.02	.02	.01	.01	.00	.00	.01	.01	.00	.00	.01	.00	.00	.007	24	.08
6	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.04
7*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.02	.004	24	.04
8*	.01	.00	.01	.00	.00	.00	.00	.00	.00	.02	.06	.04	.02	.03	.00	.00	.00	.00	.00	.00	.01	.03	.00	.01	.010	24	.18
9	.01	.04	.05	.02	.02	.02	.00	.00	.00	.02	.02				.01	.01	.01	.01	.02	.02	.03	.02	.02	.03	.017	21	.08
10	.02	.02	.04	.09	.06	.03	.03	.09	.05	.04	.06	.05	.04	.01	.02	.02	.04	.03	.04	.05	.02	.02	.04	.02	.038	24	.12
11	.03	.03	.03	.02	.01	.01	.01	.02	.02	.03	.02	.01	.00	.00	.00	.01	.00	.01	.02	.01	.01	.00	.00	.00	.012	24	.08
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.03
13	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.05	.03	.006	24	.11
14*	.02	.09	.02	.02	.03	.05	.05	.04	.03	.03	.02	.03	.06	.07	.03		.01	.01	.01	.01	.01	.02	.05	.03	.031	23	.18
15*	.02	.05	.04	.02	.14	.10	.04	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.02	.022	24	.17
16	.01	.00	.01	.03	.08	.03	.03	.05	.08		.04	.03	.02	.03	.01	.01	.01	.01	.00	.01	.01	.02	.02	.06	.025	23	.22
17	.07	.04	.04	.08	.05	.04	.01	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.016	24	.15
18	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.004	24	.04
19	.00	.00	.00	.00	.04	.01	.00	.01	.01	.02	.03	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.009	24	.17
20	.03	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.004	22	.05
21*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.02
22*	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.02	.00	.002	24	.05
23	.00	.00	.00	.00	.02	.01	.01	.00	.00	.02	.05			.02	.03	.03	.01	.03	.03	.03	.02	.01	.01	.00	.015	22	.07
24	.01	.00	.01	.02	.03	.01	.01	.02	.03	.03	.03	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.02	.01	.01	.015	24	.06
25	.00	.01	.01	.01	.00	.00	.00	.01	.00	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.003	24	.03
26	.00	.00	.00	.00	.00	.00	.01	.03	.01	.01	.00	.00	.00	.01	.01	.01	.03	.00	.00	.00	.00	.00	.01	.01	.006	24	.07
27	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.04
28*	.00	.00	.00	.00	.00	.00	.00	.02	.01	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.006	24	.05
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.002	24	.04
30	.00	.01	.01	.01	.02	.00	.00	.01	.01	.00	.01	.00	.01	.02	.03	.01	.01	.00	.00	.00	.00	.00	.01	.00	.007	24	.06
31	.00	.01	.02	.02	.02	.02	.01	.01	.03	.02			.03	.01	.01	.01	.01	.01	.04	.02	.01	.01	.00	.00	.014	22	.05
MEAN	.01	.01	.01	.01	.02	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01	.00	.01	.01	.01	.00	.01	.01	.01	.01	.010		
NO	29	30	30	30	30	30	30	29	30	29	28	26	28	29	30	28	29	30	30	30	30	30	30	30		705	
MAX	.07	.09	.05	.09	.14	.10	.05	.09	.08	.04	.06	.05	.06	.07	.03	.03	.04	.03	.04	.05	.03	.03	.05	.06	.038		.22

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 2-49

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JAN. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	4.1		2.8	2.4	2.2	2.0	2.2	2.5	2.8	2.8	2.4	2.3	2.2	2.6	3.0	2.6	3.3	3.2	3.4	3.6	4.9	5.3	3.2	2.6	2.96	23	6.2
2																											
3											5.2	3.9	3.7	3.7	3.2	3.7	4.1	2.5	2.1	1.9	1.9	2.2	2.9	2.7	3.11	14	6.9
4	2.5	2.3	2.3	2.2	2.1	2.1	2.1			2.8	2.9	4.0	4.0	3.4	4.1	4.2	7.9	3.0	2.9	2.6	3.9	4.7	3.9	3.3	3.31	22	17.6
5	2.8	2.5	2.1	2.1	2.1	2.3	2.7	6.4	5.3	4.6	2.8	2.6	2.5	2.4	3.0	3.3	3.8	3.7	2.7	2.3	2.3	2.0	2.0	1.9	2.90	24	9.3
6*	2.1	2.0	1.9	1.8	1.9	2.0	2.2	2.3	2.5	2.4	3.2	3.4	3.5	2.7	2.6	2.6	3.1	3.2	3.2	3.6	3.9	3.6	4.0	4.5	2.83	24	6.0
7*	4.3	3.6	3.5	5.9	5.0	5.3	6.0	5.9	5.2	5.5	4.2	3.5	3.4	3.6	3.5	3.7	4.0	4.8	5.4	5.6	6.6	7.7	6.5	6.1	4.94	24	8.9
8	7.3	5.3	4.4	4.7	3.2	3.1	3.3	4.8	4.8	3.7	3.4	3.7	3.3	3.4	3.9	3.5	4.9	5.2	4.6	4.8	3.8	3.9	2.5	2.8	4.10	24	8.0
9	3.0	2.6	2.6	2.3	2.3	2.6	2.8	4.5	3.7	3.3	3.3	3.0	3.1	3.5	2.9	3.6	5.2	5.8	5.2	5.4	4.2	3.5	3.7	4.9	3.60	24	8.3
10	5.4	10.0	6.4	5.3	5.6	9.5	8.0				4.7	4.2	9.1	6.5	6.7	7.1	8.7	7.0	5.0	4.0	4.1	4.4	6.3	6.7	6.40	21	13.3
11	9.4	9.1	8.6	6.0	6.8	7.4	6.8	7.5	6.8	4.2	2.8	2.7	2.5	2.3	2.4	2.8	3.3	3.1	2.4	2.5	2.6	2.6	2.5	2.7	4.46	24	10.3
12	2.6	2.2	2.1	2.1	2.9	2.3	2.9				5.0	3.4	2.9	2.9	2.9	4.1	6.6	7.1	5.6	6.0	5.3	3.8	3.9	5.9	3.88	21	9.4
13*	5.1	4.0	4.1	3.5	3.4	3.2	4.0	4.9	4.3	3.7	4.4	3.7	3.4	3.9	5.1	7.1	11.1	12.0	10.4	7.1	6.7	5.2	5.4	4.1	5.37	24	18.0
14*	4.0	3.0	2.9	2.6	2.4	3.1	3.7	3.1	2.9	2.7	2.6	2.9	3.4	3.5	4.1	3.9	3.4	4.6	4.2	3.4	3.0	3.0	3.4	3.4	3.29	24	5.7
15	3.1	3.4	5.1	3.9	3.3	3.3	3.7	5.7	5.9	4.1	3.5	4.4	3.4	4.1	4.9	4.2	6.8	7.7	6.3	9.5	11.3	5.2	7.8	10.4	5.44	24	16.9
16	7.8	8.2	6.3	3.1	3.0	2.6	2.5	4.1	4.7	4.1	4.4	4.6	4.1	4.6	5.5	7.4	7.0	8.4	10.0	14.4	13.1	8.9	6.4	4.8	6.24	24	18.3
17	4.6	4.0	3.5	3.2	3.5	3.4	3.0	5.9			8.0	5.6	3.6	3.1	3.0	3.0	3.4	3.2	2.6	2.7	2.8	2.5	2.4	2.5	3.61	22	9.6
18	2.5	2.5	2.4	2.2	2.2	2.5	2.8	3.6	3.9	3.6	3.5	3.7	4.0	4.3	4.8	4.8	7.3	8.0	7.5	7.1	5.1	5.7	5.6	4.0	4.30	24	10.4
19	4.7	5.6	3.9	2.9	3.1	2.9	3.2				3.9	4.1	4.5	4.6	4.6	5.5	7.2	6.8	6.6	9.1	6.5	4.2	3.3	3.5	4.79	21	13.2
20*	3.3	2.8	3.2	4.2	3.7	4.6	4.5	5.7	4.6	3.8	3.6	3.7	3.5	3.4	3.6	3.6	4.3	7.3	11.0	9.7	6.6	3.9	4.1	4.0	4.66	24	16.0
21*	3.9	3.5	3.1	3.1	3.3	3.1	3.5	3.3	3.6	3.3	3.3	3.5	3.4	3.4	3.8	4.0	4.4	5.0	6.0	6.7	4.7	7.1	5.6	6.1	4.18	24	9.1
22									6.0	5.0	7.0	5.8	5.1	5.2	5.0	5.2	6.9	5.9	5.2	3.9	3.9	3.9	3.5	3.3	5.04	16	9.7
23	3.4	3.3	3.1	3.5	3.4	4.0	5.9	5.7	4.4	3.7	3.5	3.7	4.0	4.0	4.7	5.0	5.8	9.9	7.3	5.1	4.6	4.2	3.8	3.2	4.51	24	15.3
24	3.1	3.6	3.6	3.1	2.8	2.9	2.9	4.8	3.9	4.1	4.3	3.8	4.0	4.1	4.0	4.7	5.5	9.4	5.4	4.2	4.3	4.2	3.9	3.1	4.14	24	12.8
25	3.3	3.0	2.8	2.8	2.8	3.0	3.6		5.0	4.5	4.0	3.7	3.4	3.1	3.0	3.0	4.1	3.7	3.1	3.0	2.7	2.8	2.9	2.8	3.29	23	5.6
26	3.2	3.2	2.5	2.4	2.4	2.7	3.1	4.3	3.9	4.2	3.3	3.1	3.1	3.5	3.8	3.7	4.4	4.2	3.2	3.0	2.7	2.8	2.7	2.7	3.24	24	5.7
27*	2.7	2.6	2.8	3.2	2.8	2.5	2.7	2.8	3.2	3.3	3.7	4.0	3.4	3.2	3.4	3.4	3.4	3.4	3.3	3.1					3.13	20	4.7
28*																											
29																											
30																											
31																											
MEAN	4.0	4.0	3.6	3.3	3.1	3.4	3.7	4.5	4.4	3.8	4.0	3.7	3.7	3.7	3.9	4.2	5.4	5.7	5.2	5.2	4.8	4.3	4.1	4.1	4.15		
NO	24	23	24	24	24	24	24	19	20	21	26	26	26	26	26	26	26	26	26	26	25	25	25	25		587	
MAX	7.8	10.0	8.6	6.0	6.8	9.5	8.0	7.5	6.8	5.5	8.0	5.8	9.1	6.5	6.7	7.4	11.1	12.0	11.0	14.4	13.1	8.9	7.8	10.4	6.40		18.3

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-50

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
FEB. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1												
2												
3*												
4*												
5												
6	7.3	4.0	2.7	2.8	2.7	2.7	3.8	4.4	11.8	3.8	3.0	2.9
7	4.5	3.5	3.8	4.1	3.6	3.7	6.5	11.0	7.8	4.4	3.6	3.9
8	8.4	6.2	5.0	4.4	4.4	4.0	5.5	7.5	6.6			
9	3.1	3.4	4.5	3.9	4.1	3.5	3.8	5.4	5.1	4.4	4.5	
10*	3.8	3.5	3.2	2.9	3.0	2.9	3.0	3.3	3.8	3.4	3.4	3.1
11*	3.7	3.3	3.4	3.1	2.8	2.8	2.9	2.9	2.9	3.0	2.9	2.9
12	2.9	2.8	3.0	2.7	2.6	2.7	3.1	4.0	3.7	3.5	3.3	3.2
13	2.8	3.0	2.8	2.8	2.8	2.9	3.5				3.5	3.3
14	3.9	3.7	3.6	3.1	2.8	2.9	3.7	5.4	4.1	3.4	3.4	3.5
15	3.8	4.1	3.8	4.2	3.7	3.2	3.7	5.6	6.1	5.0	4.4	3.8
16	3.4	3.3	3.1	3.0	2.8	2.8	3.6		4.5	4.1	3.3	3.1
17*	2.8	2.8	2.8	2.8	2.8	2.8	3.4	4.4	3.5	3.2	3.4	3.3
18*												
19		3.0	2.7	2.7	2.9	2.8	3.0	4.5	5.9			3.3
20	3.7	3.4	3.4	3.1	3.1	3.2	3.4	6.2	8.4	4.2	3.3	3.4
21	3.5	3.1	3.7	3.2	3.3	4.1	5.3	8.8	8.6	5.7	4.7	
22	4.9	3.2	3.0	3.1	3.4	3.2	3.4	4.6	5.5	4.9	3.7	3.4
23	3.2	3.0	2.8	2.7	2.7	2.6	2.8			4.5	4.6	3.7
24*	3.5	3.0	2.5	2.4	2.6	3.3	5.0	4.1	5.3	3.0	2.7	2.7
25*	4.4	3.4	3.7	2.9	3.0	3.3	3.8	3.3	2.9	2.9	2.6	2.6
26			0.0	0.0	0.0	0.0	0.0		6.0	4.4	4.7	5.0
27	3.4	3.9	4.4	5.3	4.8	3.9	3.3	4.6	4.2			3.2
28	2.7	2.6	2.6	2.8	2.6	2.9	3.1	4.3	4.8	4.0	3.7	3.8
29									4.3	3.6	3.2	3.0
MEAN	4.0	3.4	3.2	3.1	3.0	3.0	3.6	5.2	5.5	4.0	3.6	3.3
NO	20	21	22	22	22	22	22	18	21	19	20	20
MAX	8.4	6.2	5.0	5.3	4.8	4.1	6.5	11.0	11.8	5.7	4.7	5.0

DAY OF MONTH	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1															
2															
3*															
4*															
5															
6	3.0	2.9	2.9	3.1	4.1	4.6	3.3	3.3	3.2	3.8	4.1	3.8	3.90	24	18.4
7	3.9	3.6	3.6	3.7	5.0	5.4	3.7	7.4	10.4	12.0	11.8	6.6	5.71	24	15.4
8			3.6	3.2	3.9	3.9	3.9	4.2	5.2	5.6	4.8	5.2	5.01	19	10.8
9	3.4	3.1	3.2	3.3	4.1	5.0	4.5	5.2	5.9	5.7	4.5	3.8	4.22	23	7.8
10*	3.3	2.9	3.0	2.8	2.9	3.3	4.0	5.7	7.9	6.7	3.2	3.4	3.66	24	11.1
11*	2.7	2.6	2.9	2.9	2.9	3.1	3.2	3.4	3.5	3.6	2.8	2.7	3.01	24	5.2
12	3.1						3.3	3.0	3.0	3.0	3.0	2.9	3.10	19	5.1
13	3.2	3.2	3.1	3.3	4.4	4.0	3.3	3.1	3.3	3.6	3.8	4.1	3.32	21	6.1
14	3.3	3.7	3.7	3.6	4.5	3.9	3.3	3.3	3.3	3.2	3.4	3.5	3.57	24	6.0
15	3.5	3.4	3.6	3.7	4.0	4.3	4.1	4.8	4.7	4.5	4.2	3.9	4.16	24	6.5
16	3.1	3.2	3.0	3.3	4.5	4.3	3.5	3.5	3.3	4.1	3.6	2.8	3.43	23	5.2
17*	3.3	3.1	3.3	3.2	3.3	4.0	3.8	3.6	3.7	4.5	4.6	3.4	3.38	24	7.3
18*															
19	2.9	2.9	2.9		3.3	2.9	2.7	2.7	2.7	2.7	2.7	3.0	3.09	20	7.6
20	3.4	3.3	3.2	3.3	4.1	4.0	3.4	2.9	3.0	2.9	3.0	3.1	3.67	24	12.4
21	4.9	6.5	6.4	5.7	7.5	6.6	5.1	4.5	5.0	4.4	4.5	4.1	5.17	23	9.7
22	3.4	3.3	3.6	3.4	4.2	4.4	3.6	4.2	4.7	4.2	3.5	3.7	3.84	24	5.9
23	3.2	3.5	3.5	4.1	5.2	5.0	5.8	5.3	3.8	4.2	3.4	3.0	3.75	22	8.1
24*	2.7	2.5	2.4	2.5	2.6	2.8	2.5	3.3	3.6	3.3	3.9	4.7	3.20	24	7.6
25*	2.5	2.6	2.4	2.4	2.5	2.6	2.7	2.8	2.9		2.7	1.7	2.90	23	5.6
26															
27	3.6	3.1	3.1	3.4	4.2	4.1	4.4	3.9	3.6	3.7	4.2	4.6	3.14	21	8.1
28	3.2	3.4	3.3	3.2	5.0	4.0	3.1	2.9	2.9	3.0	2.8	2.7	3.64	22	7.2
29	3.1	3.0	3.3	3.3									3.26	16	5.6
	3.1	2.9	2.8	2.9	3.4	3.6	3.2	3.5	3.4	3.9	3.0	3.2	3.29	16	4.8
MEAN	3.3	3.3	3.3	3.3	4.1	4.1	3.6	3.9	4.2	4.4	4.0	3.6	3.73		
NO	22	21	22	21	21	21	22	22	22	21	22	22		508	
MAX	4.9	6.5	6.4	5.7	7.5	6.6	5.8	7.4	10.4	12.0	11.8	6.6	5.71		18.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-51

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
MARCH 1968

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	3.0	2.8	2.8	2.8	2.7	2.7	2.9	3.4		3.0	2.7	2.5	2.4	2.6	2.6	2.7	3.0	3.4	4.3	6.3	5.7	4.2	4.1	4.4	3.33	23	7.9
2*	5.0	3.5	3.0	2.8	2.9	3.3	3.4	2.9	3.2	2.6	2.5	2.9	2.7	2.9	2.8	3.2	2.9	2.8	2.5	2.5	2.5	2.5	2.5	2.5	2.91	24	6.5
3*	2.6	2.6	3.1	2.7	2.4	2.3	2.5	2.7	2.6	2.7	2.5	2.4	2.5	2.5	2.5	2.6	2.6	3.2	4.6	5.1	3.3	2.5	2.6	2.7	2.81	24	6.3
4	2.5	2.5	2.7	2.4	2.5	2.6	2.8		3.3	3.3	2.9	2.8	2.6	2.7	2.7	2.7	3.3	3.9	3.9	3.7	3.2	3.6	4.7	3.2	3.06	23	6.7
5	2.5	2.5	2.7	2.6	2.4	2.6	3.2				2.9	2.8	2.7	2.7	2.7	2.8	3.4	3.5	3.3	3.1	3.2	3.4	3.9	3.2	2.94	21	4.7
6	3.0	2.8	2.8	2.8	2.8	2.9	3.4	7.3	6.5	5.5	4.8	3.7	3.3	3.0	3.0	3.3	4.1	4.1	4.7	3.2	3.4	4.2	3.8	3.6	3.82	24	9.5
7	3.2	2.8	3.3	3.1	3.2	3.1	4.1			4.3	5.3	3.7	3.3	3.4	2.9		3.0					2.7	2.7	2.8	3.32	17	9.0
8	2.5	2.7	3.7	2.5	2.7	2.8	3.4	3.9			2.7	2.7	2.6	2.8	2.7	3.0	3.9	3.2	2.7	2.7	2.6	2.5	2.6	2.8	2.87	22	6.2
9*	3.1	3.4	3.4	3.0	3.2	3.2	2.6	2.8	3.1	2.9	3.1	3.2	3.1	3.0	3.2	4.0	3.1	3.0	2.9	3.1	2.8	2.8	2.8	2.7	3.05	24	6.3
10*	2.6	2.4	2.5	2.3	2.3	2.3	2.4	2.3	2.3	2.4	2.5	2.7	2.7	2.7	2.6	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.7	2.6	2.50	24	3.2
11	2.6	2.5	2.4	2.5	2.4	2.7	2.9	4.1	4.1	3.6	3.3	2.8	2.6	2.8	2.8	3.3	3.9	3.3	2.8	2.7	2.8	2.9	2.9	3.0	2.99	24	7.2
12	3.1	2.7	2.8	2.7	2.7	2.7	2.8	3.3	3.0	3.3	3.1		2.4		2.6	3.2	4.0	3.7	2.9	2.9	3.2	3.3	3.7	3.3	3.05	22	5.4
13	3.3	3.0	3.2	2.6	2.3	2.4	2.8	3.7	3.9	3.4	3.4	4.5	3.2	2.8	2.8	2.8	3.1	3.4	4.5	5.0	4.3	4.2	4.2	4.1	3.45	24	6.3
14	2.7	2.5	3.1	2.4	2.3	2.3	2.9	3.5	3.4	2.7	2.5	2.6	2.5	2.5	2.6	2.7	2.8	2.6	2.3	2.5	2.6	2.5	2.6	2.6	2.64	24	4.2
15	2.7	2.7	2.5	2.7	2.6	2.7	3.0	3.8	3.4	2.7	2.5	2.5	2.6		2.8	3.1	3.6	3.7	3.8	3.2	3.5	3.6	2.7	2.8	2.99	23	5.1
16*	2.9	2.6	2.5	2.6	2.8	3.4	4.0	4.8	6.5	6.3	6.0	5.7	3.9	3.6	3.3	2.8	2.8	2.9	3.5	3.9	5.7	5.8	6.4	5.0	4.14	24	12.1
17*	3.3	4.7	2.8	2.6	2.3	2.4	2.7	2.8	2.4	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.3	2.4	2.4	2.4	2.4	2.3	2.52	24	6.6
18	2.4	2.2	2.2	2.2	2.4	3.0	3.4	4.5	3.6	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.9	2.8	2.7	2.9	2.8	2.7	2.8	3.0	2.81	24	6.5
19	2.8	2.8	4.5	3.7	4.4	3.6	3.1	3.8		3.3	2.7	2.6	2.7	2.7	2.8	2.7	3.2	3.0	2.4	2.3	2.2	2.3	2.2	2.1	2.94	23	8.7
20																											
21																											
22		2.2	2.2	2.1	2.1	2.3	2.5	2.9	2.9	2.7	2.6	2.6	2.6	2.7	2.7	2.9	2.9	3.1	2.8	3.2	3.6	3.5	3.5	3.2	2.76	23	3.9
23*	3.2	3.2	2.8	2.5	2.2	2.4	2.4	2.6	2.5	2.3	2.2	2.1	2.2	2.1	2.1	2.1	2.2	2.3	2.3	2.3	2.5	3.1	3.7	4.2	2.55	24	5.1
24*	4.4	3.7	3.4	3.7	3.3	2.8	2.5	2.5	2.7	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.3	2.2	2.4	2.5	2.6	2.55	24	5.1
25	2.2	2.2	2.1	2.4	2.3	2.4	2.7	3.9	3.8	3.0	2.5	2.4	2.3	2.2	2.4	2.4	2.9	2.6	2.6	2.8	2.8	3.1	2.9	2.5	2.63	24	4.5
26	2.7	2.4	2.2	2.1	2.3	2.3	2.8	3.1	2.9	2.4	2.4	2.3	2.4	2.3	2.4	2.2	2.8	2.6	2.2	2.3	2.2	2.1	2.1	2.2	2.37	24	4.4
27	2.1	2.2	2.3	2.0	2.2	2.4	3.3	4.2	3.1	2.6	2.7	2.7	2.6	2.6	2.6	2.7	2.9	2.7	2.8	2.6	2.8	2.9	3.5	3.0	2.73	24	5.2
28	2.8	2.7	2.5	2.4	2.4	2.5	2.8	3.7	4.5	3.1	2.9	2.6	2.5	2.8	2.7	2.5	2.7	2.5	2.4	2.3	2.2	2.3	2.8	2.9	2.72	24	5.1
29	2.6	2.7	2.3	2.2	2.1	2.1	2.3	3.0	3.5	3.0	2.7	2.5	2.6	2.7	2.7	2.9	3.5	3.1	3.0	3.0	3.4	3.1	3.4	4.0	2.84	24	5.9
30*	3.2	2.7	2.6	2.3	2.4	2.5	2.4	2.8	3.0	2.6	2.5	2.4	2.3	2.3	2.3	2.5	2.7	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.48	24	3.7
31*	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.2	2.2	2.3	2.2	2.4	2.5	2.3	2.3	2.4	2.3	2.19	24	2.8
MEAN	2.9	2.8	2.8	2.6	2.6	2.6	2.9	3.5	3.4	3.1	2.9	2.8	2.6	2.6	2.6	2.7	3.0	3.0	3.0	3.1	3.0	3.0	3.1	3.0	2.89		
NO	28	29	29	29	29	29	29	26	24	27	29	28	29	27	29	28	29	28	28	28	28	29	29	29		677	
MAX	5.0	4.7	4.5	3.7	4.4	3.6	4.1	7.3	6.5	6.3	6.0	5.7	3.9	3.6	3.3	4.0	4.1	4.1	4.7	6.3	5.7	5.8	6.4	5.0	4.14		12.1

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

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A007

Table 3-52

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
APRIL 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.5	2.5	2.5	2.3	2.6	2.4	4.3	4.5	4.3	3.9	3.8	3.0	2.5	2.4	2.4	2.5	3.2	2.6	2.6	2.5	2.3	2.8	2.7	2.7	2.93	24	4.9
2	2.9	2.6	2.6	2.6	2.4	2.5	3.5	3.9	3.3	2.9	2.7	2.7	2.6	2.6	2.6	2.9	3.2	2.9	2.4	2.6	2.5	2.5	2.2	2.3	2.74	24	4.7
3																											
4																											
5		4.0	3.7	3.4		3.2	3.4	4.2		4.6		3.2	2.8	2.8	2.8	3.0	3.7	3.7	3.5	3.4	3.2	3.7	4.1	3.3	3.48	20	5.4
6*	3.1	3.2	3.6	5.4	3.1	2.7	2.6	2.6	2.5	2.5	2.5	2.6	2.7	2.5	2.7	2.6	2.6	2.6	2.5	2.6	2.5	2.5	2.6	2.6	2.79	24	13.3
7*	2.7	2.7	2.8	2.4	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.3	2.3	2.4		1.9	2.4	2.5	2.5	2.9	2.41	23	3.6
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
15									2.9			3.3	3.0	3.0	3.0	3.2	3.3	2.8	2.3	2.3	2.2	2.2	2.6	3.0	2.77	14	4.6
16	2.5	2.1	2.2	2.1	2.2	2.3	3.3	3.5	2.5	2.3	2.1				2.3	2.6	3.0	2.6	2.3	2.1	2.0	1.9	1.9	1.7	2.34	21	4.4
17	1.7	1.6	1.6	1.7	2.2	1.9	2.6	4.0	3.9	3.1	2.8	2.4	2.6	2.8	2.9	3.3	4.0	3.2	2.3	2.0	2.2	2.1	2.2	2.5	2.55	24	6.5
18																											
19									2.7	2.5	2.6	2.5	2.6	2.2	2.2	2.4	3.0	2.8	2.1	2.1	2.1	2.3	3.1	3.3	2.53	16	4.4
20*	4.0	3.8	3.8	1.8	1.7	1.9	2.1	2.2	2.1	2.0	2.0	1.8	1.9	1.9	1.8	1.9	2.0	2.1	2.2	2.6	3.5	3.0	2.7	2.4	2.38	24	5.1
21*	2.6	2.1	2.1	2.2	2.1	2.6	2.3	2.3	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.18	24	3.1
22	2.1	2.0	2.0	2.1	1.9	2.0	2.3	3.2	3.4		2.9	2.7	2.7	2.8	2.7	3.0	3.3	2.8	2.4	2.3	2.5	2.4	2.4	2.5	2.53	23	4.0
23	2.7	2.4	2.6	2.3	2.4	2.4	2.6			2.2	1.9	1.9	1.9	1.9	2.0	1.9	2.3	2.2	1.9	2.1	2.4	2.2	2.1	2.1	2.19	21	3.2
24	2.0	1.8	1.8	1.6	1.5	1.6	2.0	3.2	3.7	2.9	2.6	2.1	1.8	1.7	1.9	2.1	3.0	2.3	2.5	1.9	2.0	2.1	2.0	1.9	2.16	24	5.6
25	1.6	1.5	1.6	1.5	1.6	1.8	2.2	2.8	2.4	2.0	1.8	1.8	1.8	1.9	1.9	2.1	2.6	2.5	1.9	1.8	1.7	1.7	1.7	1.8	1.90	24	3.3
26	2.0	1.8	1.8	2.0	1.8	2.0	2.2	2.8	2.1			1.8	1.8	1.9	2.1	2.1	2.5	2.0	2.1	2.1	2.4	2.2	2.0	2.3	2.06	22	3.6
27*	2.3	2.0	2.2	1.6	1.5	1.5	2.0	2.1	2.0	1.9	2.0	2.1	2.1	2.0	1.8	1.7	1.8	2.1	1.9	1.9	1.8	2.1	2.0	1.9	1.91	24	3.2
28*	2.0	2.0	2.1	2.0	2.1	2.2	2.0	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.8	2.3	2.4	2.7	2.0	1.7	1.85	24	2.9
29	1.7	1.7	1.8	1.9	2.0	2.5	3.7	3.1	2.1	1.9	1.8	1.8	1.8		1.9	2.2	2.1	1.8	1.9	2.4	2.7	2.6	1.9	2.1	2.13	23	4.9
30	1.7	1.6	1.6	1.4	1.6	2.0	2.4	2.9	2.5	2.2	2.2	2.1	1.9	2.1	2.0	2.4	2.0	1.9	1.9	2.7	3.3	2.4	3.1	3.6	2.22	24	6.5
MEAN	2.3	2.3	2.3	2.2	2.1	2.3	2.6	3.0	2.7	2.5	2.3	2.3	2.2	2.2	2.2	2.4	2.7	2.5	2.3	2.3	2.4	2.4	2.4	2.4	2.39		
NO	17	18	18	18	17	18	18	17	18	16	17	13	19	18	20	20	20	20	19	20	20	20	20	20		447	
MAX	4.0	4.0	3.8	5.4	3.1	3.4	4.3	4.5	4.3	4.6	3.8	3.3	3.0	3.0	3.0	3.3	4.0	3.7	3.5	3.4	3.5	3.7	4.1	3.6	3.48		13.3

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-53

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
MAY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	3.2	2.1	1.8	1.7	1.7	2.2	3.0	3.8	2.6	1.9	1.8	1.7	1.7	1.9	1.9	2.1	2.2	1.6	2.0	2.6	2.2	2.1	2.2	1.9	2.14	24	4.5
2	2.0	2.0	2.0	1.8	1.9	2.2	3.3	3.4			2.2	1.7	1.8	1.7	1.7	2.3	2.0	1.7	1.6	1.6	1.9	1.8	1.9	1.8	2.01	22	5.1
3	1.5	1.5	1.6	1.5	1.4	2.3	3.3	2.3	1.9	1.8	1.9	2.0	1.9	2.0	2.3	2.6	2.4	2.1	2.1	2.1	2.3	2.3	2.5	2.6	2.09	24	4.1
4*	2.6	2.3	2.6	3.5	3.2	2.2	2.0	2.1	2.0	2.0	1.9	2.0	1.9	1.7	1.8	1.8	1.8	1.7	1.9	2.0	2.1	2.3	2.0	1.8	2.12	24	8.9
5*	2.0	1.8	1.8	1.6	1.9	1.8	1.8	1.7	1.7	1.9	2.0	1.7	1.8	1.6	1.6	1.7	1.6	1.7	1.9	1.8	1.8	1.8	1.7	1.6	1.76	24	3.2
6	1.5	1.5	1.5	1.6	1.8	2.0	2.3	2.3	2.3	2.2	1.9	1.7	1.7	1.8	1.9	2.4	2.2	1.8	1.9	1.6	1.6	1.5	1.5	1.5	1.82	24	3.6
7	1.4	1.3	1.3	1.3	1.9	1.5			2.0	1.8	1.8	1.9	1.9	2.0	2.1	2.4	2.1	1.8	1.8	2.1	2.2	2.4	2.2	2.0	1.85	22	2.8
8	2.0	2.4	3.3	3.0	3.2	3.6	4.2	4.5	3.3	2.9	2.3	1.9	2.1	2.3	2.4	2.6	2.1	1.9	2.0	2.2	2.3	1.9	1.8	1.9	2.57	24	5.3
9	1.8	1.8	1.7	1.7	2.0	2.6	3.1	2.6	2.3	2.5	2.1	1.9	1.9	2.2	2.3	2.6	2.4	2.0	1.9	1.9	1.9	1.8	1.8	1.9	2.10	24	4.7
10	1.8	1.7	1.8	1.7	1.7	4.5	3.2					2.1	2.2	2.3	2.3	2.7	2.5	1.9	2.2	2.1	2.0	2.1	2.1	1.8	2.13	20	4.0
11*	1.9	1.9	1.7	1.7	1.8	1.8	1.9	1.8	1.9	1.8	1.8	1.9	1.8	1.8	1.8	2.0	1.9	1.8	1.9	2.2	1.9	1.9	2.0	2.0	1.86	24	2.7
12*	1.9	1.8	1.9	2.2	2.6	2.2	2.2	2.1	1.8	1.7	1.7	1.8	1.9	1.6	1.7	1.6	2.1	1.8	2.0	2.1	2.3	2.9	2.1	1.4	1.96	24	3.6
13	1.4	1.3	1.3	1.3	1.6	2.8		2.4	1.9	1.8	2.0	1.9	1.7	2.0	2.1	1.8	1.7	1.5	1.5	1.5	1.7	1.7	1.3	1.7	1.73	23	4.6
14	2.0	2.9	2.4	3.3	2.1	2.7			1.8	1.9	1.9	1.8	2.0	2.1	1.7	2.0	1.7	1.6	1.6	1.8	2.0	1.8	1.8	1.5	1.98	22	5.2
15	1.5	1.5	1.4	1.5	1.4	1.9	2.8	2.1	2.2	1.8	2.1	1.9	1.9	2.2	1.9	2.5	1.9	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.83	24	6.4
16	1.9	1.6	1.8	1.5	1.6	2.0			2.5	2.4	2.3	2.3	2.6	2.6	2.7	3.4	2.9	2.2	1.7	1.9	2.2	2.4	1.8	1.8	2.18	22	6.1
17	1.8	1.8	1.7	1.6	1.6	1.9	2.1	2.3	2.0	2.0	1.7	2.0	1.9	1.8	2.1	2.4	2.0	1.7	1.7	1.6	1.8	1.9	1.8	1.6	1.84	24	3.9
18*	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.7			1.7	1.5	1.8	1.6	1.7	1.8	1.9	1.7	1.6	1.6	1.7	1.8	1.7	1.8	1.65	22	3.2
19*	2.0	2.1	2.0	1.8	1.9	1.9	1.7	1.5	1.4	1.5	1.4	1.5	1.5	1.4	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.60	24	2.8
20	1.4	1.4	1.5	1.7	1.6	2.1	3.2	2.6	2.3						1.8	3.0	2.2	1.8	1.9	2.0	2.3	2.6	2.1	1.9	2.08	19	5.0
21																											
22								2.4	2.8		2.0	2.1	1.9	2.0	2.2	2.5	2.1	1.9	1.8	1.8	1.9	1.8	1.6	1.8	2.04	16	3.8
23	1.8	1.8	1.7	1.7	1.7	1.8		2.4	2.2	2.1	1.9	2.5	2.5	2.3	2.5	2.6	2.5	2.0	1.9	2.0	2.0	1.9	1.9	1.8	2.04	23	4.8
24	1.8	1.8	1.8	1.8	1.9	2.1	3.1	3.7	3.4	2.9	2.1	2.2	2.6	3.3	3.3	3.4	2.4	2.5	2.2	2.5	2.3	2.7	3.6	3.3	2.60	24	7.7
25*	2.7	2.7	2.4	2.0	3.5	3.3	2.5	2.3	2.2	2.3	2.0	2.1	2.3	2.1	2.1	2.1	2.0	1.9	1.9	2.2	2.1	2.2	2.9	2.5	2.33	24	5.1
26*	2.6	2.3	2.0	1.8	1.7	1.9		2.0	1.8		2.0	1.8	1.9	2.0	2.1	1.9	1.9	2.0	2.2	2.5	2.6	2.4	2.5	2.0	2.07	22	4.9
27	1.9	1.9	2.2	2.2	2.4	2.8	3.3	2.5	2.5	2.3	1.8	1.8	1.9	2.0	2.0	1.9	1.9	1.9	1.8	2.0	2.2	2.3	2.4	2.4	2.15	24	6.9
28	2.7	4.1	2.1	3.3	2.6	2.5	2.8	3.1	2.5	2.3	2.2	2.2	1.9	1.8	2.3	2.2	2.3	1.8	2.0	2.2	2.4	2.4	2.3	2.1	2.40	24	10.2
29	2.2	2.0	2.0	2.4	3.5	4.5	2.9									2.9	3.1	2.6	2.7	3.7	3.1	3.9	3.9	4.3	2.96	16	7.0
30	3.3	3.2	2.5	2.2	2.1	2.1	2.0	2.1	2.3	2.1	2.0	2.0	2.1	2.1	2.2	2.0	2.0	2.2	2.2	2.2	2.1	2.6	2.2	2.1	2.23	24	3.9
31	2.1	2.2	2.2	2.0	2.2	2.8	3.4	2.6	2.4	2.5	2.4	2.3	2.4	2.6	2.5	3.4	2.6	2.1	2.2	2.7	2.1	2.0	1.9	1.9	2.38	24	5.5
MEAN	2.0	2.0	1.9	2.0	2.1	2.3	2.7	2.5	2.2	2.1	2.0	1.9	2.0	2.0	2.1	2.3	2.1	1.9	1.9	2.0	2.1	2.1	2.1	2.0	2.08		
NO.	29	29	29	29	29	29	23	25	26	23	27	28	28	28	29	30	30	30	30	30	30	30	30	30		681	
MAX	3.3	4.1	3.3	3.5	3.5	3.6	4.2	4.5	3.4	2.9	2.4	2.5	2.6	3.3	3.3	3.4	3.1	2.6	2.7	3.7	3.1	3.9	3.9	4.3	2.96		10.2

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-54

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
JUNE 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	2.3		2.9	2.0	2.1	2.0	2.0	1.8	2.0	2.2	2.4	2.5	2.0	1.9	2.1	2.0	2.2	2.2	2.1	2.8	2.6	2.5	2.9	2.3	2.28	23	5.0
2*	2.9	2.6	2.2	1.9	1.8	1.9	1.8	1.7	1.8	1.8	1.9	1.8	1.8	1.9	2.0	2.0	1.8	1.9	2.2	2.6	2.6	3.1	2.2	2.2	2.09	24	4.0
3	2.2	1.6	1.7	1.7	2.0	2.6	3.0	3.2	2.7				2.7	2.2	2.5	3.0	2.6	2.1	2.1	2.3	2.5	2.4	2.4	2.4	2.36	21	5.0
4	2.5		2.2		2.2	3.2	3.1	3.3		2.5	2.6	2.5	2.4	2.6	2.4	2.5	2.4	2.3	2.3	2.6	2.7				2.57	18	4.6
5	2.0	2.2	2.6	2.9	2.5	2.9	2.7	3.7	2.9	2.8	2.4	2.5	2.4	2.3	2.4	3.4	2.3	2.3	2.3	2.5	3.1	3.3	2.8	3.1	2.66	24	8.0
6	1.6	1.4	1.3	1.4	2.0	2.2	2.5			2.7	2.2	2.2	1.9	2.0	2.2	2.8	2.4	2.1	1.9	1.6	1.9	1.9	1.6	1.4	1.95	22	4.3
7	1.6	2.3	2.9	3.1	2.6	3.1	3.7	2.9	2.4	2.4	2.2	2.0	2.0	2.4	4.5	4.8	2.9	2.3	2.1	2.2	2.1	2.2	2.3	2.3	2.62	24	8.1
8*	2.0	2.3	2.1	2.0	2.7	1.7	1.5	1.6	1.8	1.8	1.8	1.8	1.7	1.9	1.9	1.9	2.0	1.9	1.7	1.8	2.1	1.9	1.7	2.2	1.89	24	5.6
9*	2.2	2.1	1.7	1.5	2.1	1.8	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.6	1.5	1.8	1.7	1.9	2.1	2.1	2.1	2.1	2.1	2.2	1.80	24	3.0
10	2.5	2.5	2.4	2.3	2.3	2.7	3.5	3.3	2.4	2.2	2.3	2.0	2.0	2.4	2.8	2.8	2.4	2.1	2.0	2.2	2.3	2.3	2.8	3.1	2.47	24	5.1
11	2.5	2.6	2.5	2.5	2.5	2.8	3.4			2.3	2.0	2.0	2.0	2.2	2.3	2.5	2.4	2.0	2.0	2.5	2.7	2.4	3.2	3.3	2.46	22	5.7
12	2.7	2.4	2.9	2.8	2.1	2.6	3.2	2.9	2.6	2.6	1.9	1.9	2.2				3.0	2.7	2.9	2.9	2.8	3.3	4.1	3.5	2.75	21	6.6
13	3.2	2.7	2.7	2.7	2.6	3.0	3.9		3.3				1.9	1.7	1.8	2.0	1.8	1.6	1.7	2.0	2.3	2.2	2.0	1.9	2.34	20	6.3
14		1.9	1.6	1.6	1.6	2.0	2.5	2.0	2.5	1.8	1.9	1.9	1.9	2.4	2.4	2.5	2.6	2.0	2.0	2.1			1.8	1.9	2.02	21	4.6
15*																											
16*																											
17									3.2				2.7	2.6	3.0	3.1	3.3	2.8	2.8	3.4	3.9	4.3	2.9	2.8	3.12	13	5.2
18																											
19		2.5	2.6	2.5	2.7	2.6	3.7	3.5	3.1			2.2	2.4	2.3	2.4	3.3	2.6	2.2	2.8	2.9	2.4	2.5	2.4	2.1	2.64	21	5.7
20	2.0	2.1	2.0	2.0	2.1	2.4	3.0	2.7	2.6	2.8	2.2	2.2	2.0	2.2	2.3	2.5	2.2	2.0	2.0	2.1	2.3	2.6	3.0	3.3	2.34	24	6.0
21	2.1	2.1	2.0	2.1	2.5	2.8	2.9	2.7	2.2				2.3	2.2	2.8	2.5	2.3	2.1	2.2	2.3	2.3	2.3	2.4	2.4	2.34	21	6.1
22*	2.4	2.7	2.4	2.0	2.7	3.4	3.1	2.9	2.9	2.3	2.1	2.0	2.1	2.0	2.2	2.1	2.1	2.1		2.1	2.3	2.2	2.5	2.5	2.39	23	4.6
23*																											
24		1.9	1.9			2.1	3.6	3.1	2.6	2.5	2.5	2.4		2.5	2.5	2.8	2.8	2.3	2.3	2.1	2.0	1.9	1.9	1.9	2.37	20	5.8
25	2.0	2.0	2.0	2.1	2.2	2.3	2.6				2.6	2.5	2.4	3.3	2.7	2.8	2.2	2.2	2.1	2.1	2.1	2.1	2.3	2.2	2.31	21	9.5
26	2.1	2.4	2.9	2.4	2.5	2.7	3.6	3.6	3.4	3.3	2.9	2.6	2.8	2.8	3.1	3.2		2.6	3.1		3.2	2.7			2.88	20	6.2
27							3.7	3.6		2.7	2.5	2.5	2.4	2.5	2.9	3.2	3.1	2.6	3.4	4.0	4.6	4.6	4.1	3.2	3.26	17	6.4
28		2.3	2.6			2.6				3.4	2.9	4.1	3.0	2.8	2.9	3.3	3.4			3.6	3.6	4.0	3.4		3.18	15	13.5
29*		5.9	4.7	3.2	5.1	5.4	3.6	4.1	3.5			2.5	2.6	2.6	2.7	2.5	2.6	2.6	2.9	2.9	3.0	3.1	3.1	3.0	3.40	21	8.5
30*																											
MEAN	2.3	2.4	2.4	2.2	2.4	2.6	3.0	2.9	2.6	2.4	2.2	2.3	2.2	2.3	2.5	2.7	2.5	2.2	2.3	2.5	2.6	2.7	2.6	2.5	2.46		
NO	18	21	23	20	21	23	23	19	19	18	19	21	24	24	24	24	24	24	23	24	24	23	23	22		528	
MAX	3.2	5.9	4.7	3.2	5.1	5.4	3.9	4.1	3.5	3.4	2.9	4.1	3.0	3.3	4.5	4.8	3.4	2.8	3.4	4.0	4.6	4.6	4.1	3.5	3.40		13.5

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-55

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
JULY 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2					3.2	3.6	3.9	3.1	2.9	2.9	2.8	2.9	2.8	2.9	2.9	3.6	3.2	2.9			3.4		2.9		2.99	11	7.6
3								3.9	3.1	3.2	3.0	2.9	3.3	3.1	3.2	3.7	3.1								3.31	13	6.4
4																											
5																											
6*																											
7*																											
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*	2.4	2.4	2.3	3.6	2.7							6.6	5.0	3.6	2.8	1.9	1.8	1.7	1.9	2.0		2.2	2.1	2.1	2.76	17	7.9
21*	1.8	1.7	1.5	1.4			4.8		3.4			4.8	3.5	3.0	2.3	1.9	2.4	2.5	2.7	3.8	3.1	2.4	2.6	3.8	2.80	19	7.6
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30	1.9	2.0	1.9	2.0	1.9	2.4	3.5	4.7	2.9		2.2	2.3	2.4	2.6	2.5	3.1	2.7	2.0	2.3	2.3	2.3			1.6	2.44	21	5.7
31	1.5	1.5	1.5	1.6						2.0	2.0	2.1	2.0	2.1		2.8	2.6	2.0	2.1	2.2	2.1	2.0	1.9	1.9	1.97	18	4.3
MEAN	4	4	4	4	3	2	3	3	4	3	4	6	6	6	5	6	6	5	4	4	4	3	4	4		101	
NO	2.4	2.4	2.3	3.6	3.2	3.6	4.8	4.7	3.4	3.2	3.0	6.6	5.0	3.6	3.2	3.7	3.2	2.9	2.7	3.8	3.4	2.4	2.9	3.8	3.31		7.9
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-56

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

DENVER, COLO.

TOTAL HYDROCARBON
AUG. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1								4.3	2.8	2.5	2.5	2.0	1.9	1.8	1.9	2.4	2.5	1.9	2.2	2.1	2.1	2.2	1.8	1.9	2.28	17	5.9
2	1.7	2.0	2.3	2.0				5.4	5.0	3.7	3.4	3.0	2.6	2.4	2.3	2.4	2.5	2.0	1.9	1.8	2.0	1.9	2.0	2.0	2.57	21	6.4
3*																											
4*							2.0	1.8	1.8	1.7	1.5						1.8	1.8	1.5	1.7	1.4	1.8	1.7	1.9	1.76	13	2.4
5	1.8	1.7	1.6	1.9			2.6	3.3	3.3	4.2	2.4	2.0	2.1	2.2	2.4	2.6	1.8	2.1	2.1	2.3	2.6	2.7	1.8	2.1	2.34	22	5.8
6	2.0	2.1	1.9	1.8	2.2	3.4	3.7	3.7	2.8	2.4	2.1	1.9	2.0		1.9	2.3	2.2	2.1	2.3	1.8	1.8	1.9	2.2	1.9	2.27	23	5.3
7	1.8	1.8	2.0	2.0	2.1	2.5	3.1	3.4	3.2				2.2	1.9	2.2	2.6	2.5	2.3	2.5	2.5	2.4	2.3	2.5	2.6	2.39	21	4.5
8	2.5	2.8	2.7	2.4	2.3	3.0	4.8					2.2	2.1	1.9	1.8	2.1	2.1	1.7	1.7	1.4					2.34	16	7.3
9									2.7			2.5	2.4	2.6	2.7	3.4	2.4	2.2	2.2	2.2	2.0	1.6	1.7	1.6	2.30	14	4.2
10*	2.0	1.6	1.6	1.7	1.7	1.9	2.2		2.6		2.3	2.0	2.0	2.2	2.1	2.0	2.1	2.1	1.9	1.8	1.6	1.7	1.8	1.7	1.93	22	4.7
11*	1.8	1.8	1.8	1.7	1.8	1.6	1.6	1.7	1.6	1.7	1.8	1.9	1.9	2.0	2.1	1.9	1.9	2.1	2.2	2.3	2.4	2.2	1.7	1.8	1.87	24	3.0
12	1.9	2.1	2.7	2.3	4.0	3.7	4.1	3.0			3.5	3.4	3.4	3.3	3.5	3.9	3.6	3.4	3.3	3.3	3.3	3.2	3.0	3.3	3.22	22	6.8
13	2.9	2.7	2.6	2.5	2.9	3.4	4.0	4.2	3.2	3.2	2.8	2.7	2.7	2.8	3.0	3.4	4.1	2.8	3.2	3.2	3.0	4.0	2.9	2.4	3.10	24	11.8
14	2.3	2.6	2.5	3.1	2.8	3.4	4.4	3.5	3.0	2.8	2.9	2.5	2.5	2.9	2.7	3.9	3.0	2.4	2.2	2.4	1.9	2.0	2.2	1.9	2.73	24	9.0
15	2.5	2.1	1.8	1.7	1.8	2.3	2.3					1.9	1.8	2.0	2.2	2.7	2.4	2.1	2.2	2.5	3.1	3.0	2.2	2.0	2.21	20	3.8
16	1.8	2.2	1.8	1.8	1.7	2.2	2.6	2.7	2.3	2.0	1.8	1.6	1.7	1.9											1.99	14	3.9
17*																											
18*																											
19								2.8	1.9	1.9	1.9	1.8	2.1			2.8	2.2	1.8	1.9	2.2	2.1	3.1	2.9	2.2	2.23	15	5.4
20	1.8	2.0	2.0	2.9	3.2	3.6	3.9	3.8	2.6	2.8	2.4	1.8	2.1	2.3	2.1	2.4	2.5	1.9	2.0	2.1	2.9	3.0	3.8	2.8	2.59	24	5.9
21	1.8	1.5	1.5	1.3	1.4	2.1	3.3	2.9	2.3	2.6	2.3	2.1	2.0	1.9	2.1	2.7	2.1	2.0	2.2	2.2	2.9	2.6	2.0	3.0	2.18	24	5.3
22	1.8	1.9	1.9	2.2	3.3	3.9	4.1	3.9	3.1	2.6	2.5	2.1	1.9	2.0	2.0	2.5	4.6	1.9	1.8	1.7			1.6	1.8	2.41	22	5.9
23	1.9	1.6	1.4	1.5	1.5	1.7	2.7			2.2	2.2	2.1	2.2	2.2		2.2	2.3		2.3						1.98	15	3.7
24*																											
25*																											
26																											
27	2.6	2.1	2.3	2.5	2.8	3.1	4.4	4.3	4.3	3.0	2.7	2.2	2.4	2.6	2.5	3.0	2.6	2.2	2.3	2.2	1.9	2.3	2.6	3.1	2.74	24	5.1
28	3.9	2.4	2.3	1.9	2.0	2.8	4.0	4.0	3.3	2.7	2.5	2.1	2.2	2.2	2.3	2.7	2.7	2.1	2.1	2.1	2.1	2.2	2.3	1.9	2.53	24	6.4
29	1.7	1.8	1.7	1.6	1.9	2.3	3.5	3.2	3.1	3.0	2.8	2.8	2.8	3.0	2.8	3.4	3.0	2.4	2.8	2.4	2.5	2.9	2.7	2.8	2.61	24	5.7
30	2.3	2.2	2.3	2.5	3.2	5.6	6.4	6.5	4.2	3.8	3.1	2.4	2.3	2.5	2.5	2.7	2.8	2.2	3.1	2.6	2.3	2.4	2.5	4.5	3.19	24	8.0
31*	3.9	4.1	3.1	2.4	2.6	2.8	3.0	2.6	2.2	2.2	2.4	2.1	2.0	2.1	2.1	2.1	2.0	2.0	2.3	3.0	4.9	3.1	2.9	2.8	2.68	24	7.2
MEAN	2.2	2.1	2.1	2.1	2.4	2.9	3.5	3.6	2.9	2.7	2.5	2.2	2.2	2.3	2.4	2.7	2.5	2.1	2.3	2.2	2.5	2.5	2.3	2.3	2.46		
NO	21	21	21	21	19	19	21	20	21	19	21	23	24	22	21	23	24	23	24	23	21	21	22	22		517	
MAX	3.9	4.1	3.1	3.1	4.0	5.6	6.4	6.5	5.0	4.2	3.5	3.4	3.4	3.3	3.5	3.9	4.1	3.4	3.3	3.3	4.9	4.0	3.8	4.5	3.22		11.8

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-57

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
SEPT. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	2.4	2.8	2.4	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.6	1.7	1.6	1.7	1.7	1.7	1.8	2.0	2.3	2.2	2.3	2.1	2.6	2.3	2.06	24	3.2
2	1.8	1.7	2.0	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.6	1.7	2.1	1.9	1.7	1.6	1.7	1.9	2.0	2.0	1.9	1.8	1.6	1.79	24	2.5
3	1.6	1.7	1.7	1.6	1.7	2.2	3.3	3.2	2.8	2.6		3.4	2.9	3.1	3.2	4.0	3.4	3.0	2.5	2.3	2.4	2.4	2.0	2.1	2.55	23	6.2
4	2.0	2.1	1.8	1.8	2.1	2.8	4.0	3.6	3.4	3.5	3.0	2.7	2.8					2.2	2.2						2.66	19	5.1
5	1.7	1.8	1.8							2.2	2.4	2.2	2.0	1.9	2.0	2.4	2.1	1.8	2.0	2.1	2.1	2.3	2.2		2.05	17	3.2
6																											
7*		1.8	1.5	1.8	1.8	1.6	1.8	1.9	2.2	1.9	1.8	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.4	1.7	1.7	1.5	1.6	1.6	1.68	23	3.1
8*		2.2	2.0	1.5	1.4	1.7	1.8	1.6	1.4	1.4	1.4	1.2	1.3	1.3	1.3	1.3	1.3	1.4	2.3	2.3	1.4	1.3	1.9	3.5	1.66	23	5.2
9	3.1	2.4	1.8	1.5				6.5	4.6			2.6	2.1	2.1	2.4	3.0	2.3	2.6	3.3	3.1	2.5	4.6	3.6		2.98	18	7.7
10									3.4	3.2	2.2	2.3	2.1	2.1	2.0	2.4	2.4	2.7	2.6	2.6	2.4	2.1	1.6	1.8	2.36	16	3.9
11	2.1	1.9	1.8	2.1	3.0	3.1	4.9		3.4	2.7	2.2	1.9	2.2	1.8	2.2	2.2	2.4	2.5	2.8	2.4	2.1	2.2	2.0	2.1	2.42	23	6.6
12	1.8	1.8	1.7	1.9	2.4	2.8	5.2	5.8	3.4	2.5	2.2	1.9	2.1	2.3	1.8	1.9	2.0	2.0	2.0	2.6	3.3	2.9	5.9	4.0	2.76	24	8.5
13	2.3	1.9	1.9	1.8	1.9	2.2	3.8	4.4	3.5	3.2	2.2	2.0	2.0	2.2	2.4	2.4	2.8	2.4	2.4	2.4	2.8	2.1	3.0	3.1	2.53	24	5.0
14*	2.8	2.3	1.9	1.5	1.6	1.6	2.0	2.5	2.5	2.1	1.8	1.8	1.8	1.7	1.6	1.7	1.9	2.2	2.2	2.4	2.7	2.6	1.7	1.9	2.02	24	3.8
15*	2.5	3.1	2.7	2.0	1.8	1.9	2.7	2.7	1.9	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.7	1.8	1.5	1.5	1.4	1.5	1.4	1.79	24	4.0
16	1.4	1.7	1.9	1.6	2.1	1.9	1.9	2.0	2.0		2.3	2.1	2.1	2.2	2.6	2.2	2.2	2.4	1.9	1.7	1.9	2.5	2.3	1.9	2.02	23	3.2
17	1.6	1.9	1.9	1.7	1.8	1.9	2.4	2.9	2.3	2.1	2.2	1.8	1.9	1.9	2.0	2.6	1.8	1.6	1.7	1.9	2.8	3.3	4.1	3.8	2.23	24	5.1
18	3.5	2.9	3.0	2.0	2.1	2.2	3.3	4.8	4.6	2.4	2.2	2.1	2.0	1.9	2.3	2.7	2.6	2.0	2.7	3.7	3.7	3.4	3.8	2.9	2.86	24	6.1
19	2.4	2.0	2.1		1.9								1.7	1.9	2.0	2.4	2.2	2.7	2.2	2.4	2.3	2.7	2.7	2.6	2.25	16	4.2
20	2.3	1.8	1.5	1.8	1.9	2.7	6.2	4.0	3.7	3.1	2.7	2.7	2.7		2.6	2.9	2.4	2.0	2.0	2.5	3.1	3.0	2.3	1.6	2.66	23	18.5
21*	2.3	1.9	2.2	2.2	2.4	4.5	3.8	2.7	2.6	2.6	2.1	1.9	1.8	1.8	1.8	1.7	1.6	1.6	1.9	1.7	1.5	1.5	1.7	1.6	2.13	24	7.0
22*	2.0	3.4	2.8	1.7	1.7	2.0	2.3	2.2	2.0	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.9	1.7	1.7	1.4	1.82	24	4.3
23	1.3	1.8	1.5	1.5	2.4	2.9	4.2	4.0	3.9		2.5	2.4	2.3	2.7	2.3	2.6	2.5	2.4	2.7	7.2	5.8	4.7	4.5	3.4	3.10	23	10.2
24	2.5	2.1	1.7	1.6	1.8	3.1	5.5	4.6	2.8	2.4	2.5	2.0	1.8	1.7	1.8	2.6	2.8	2.4	2.9	3.1	2.4	2.3	2.5	3.2	2.57	24	7.6
25	2.3	2.3	2.3	2.1	2.1	2.4	4.2	4.0	3.3	2.9	2.2	2.0	1.9	2.0	2.1	2.5	2.8	3.2	3.1	4.3	5.7	5.0	3.3	3.9	2.98	24	7.5
26	2.7	2.6	2.2	2.0	2.1	2.7	4.4	5.1	3.5	3.0	2.5	2.5	2.3	2.5	2.5	3.3	2.8	2.7	2.4	2.5	2.8	3.3	2.7	3.4	2.82	24	6.3
27	3.9	2.7	2.6	2.5	2.4	3.0	4.7			3.3	2.6	2.0	2.0	2.2	2.4	3.1	2.8	3.0	4.4	5.4	2.9	2.4	2.4	3.9	3.01	22	6.8
28*	4.3	3.1	2.1	1.9	2.1	2.6	2.8	3.0	3.4	2.1		2.1	1.9		2.0				1.9	1.9	1.9	1.8	1.8	2.0	2.34	19	5.3
29*	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.3	2.3	2.2	2.2	2.3	2.3	2.5	2.5	3.0	3.5	3.0	4.1	3.4	2.6	2.33	24	4.9
30	2.5	2.4	2.6	3.0	2.7	3.2	4.4	5.0	3.4	3.0	2.6		2.4	2.6	2.5	3.4	3.2	2.7	5.7	4.9	5.8	3.3	2.6	2.7	3.31	23	7.7
MEAN	2.3	2.2	2.0	1.9	2.0	2.4	3.4	3.4	2.9	2.4	2.2	2.0	2.0	2.0	2.1	2.4	2.2	2.2	2.5	2.8	2.7	2.6	2.6	2.5	2.40		
NO	26	28	28	26	26	25	25	24	26	25	25	27	29	26	28	27	27	28	29	28	28	28	28	26		643	
MAX	4.3	3.4	3.0	3.0	3.0	4.5	6.2	6.5	4.6	3.5	3.0	3.4	2.9	3.1	3.2	4.0	3.4	3.2	5.7	7.2	5.8	5.0	5.9	4.0	3.31		18.5

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-58

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
OCT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX.
1	2.4	2.2	1.9	2.1	1.9	2.8	4.0	3.9	2.2	2.5	2.5	2.5	2.0	1.9	1.9	2.6	2.5	1.7	1.5	1.4	3.0	4.6			2.40	22	9.7
2																											
3	2.6			1.1	1.5					3.6	3.5	3.2	2.6	2.6	3.1	4.0	3.2	2.6	2.8	3.1	4.2	3.8	4.5	4.7	3.19	16	12.1
4	3.1	3.0	2.1	2.9	2.1	3.3	4.1	4.6				3.6	2.9	3.3	3.1	4.5	3.2	1.8	1.1	2.1	2.1		2.2	2.2	3.02	20	6.4
5*	2.6	3.4	3.4	3.0	1.8	1.8	2.5	2.3	2.5	2.4	2.1	1.9	1.1		1.9	1.9	1.9	2.6	2.9	2.1	4.0	4.9	5.1	2.9	2.70	23	6.5
6*	3.6	3.1	2.1	2.2	1.9	2.3	2.2		1.9	2.1	1.8	1.7	1.8	1.9	3.6	1.8	2.2	3.2	4.1	6.1	4.5	3.1	2.6	2.7	2.76	23	15.9
7	3.4	4.0	4.3	4.1	5.1	6.2	8.1	6.8	2.9			2.2	2.4	2.4	2.2	3.5	3.1	2.4	2.4	3.4	2.6	2.6	2.1	1.8	3.56	22	10.6
8	1.6	1.9	2.0	1.1	2.1	2.5	3.3	2.6	2.6	2.6	3.1	3.0	3.3	2.1	3.9	6.1	4.0	2.8	2.5	2.5	2.3	2.2	1.9		2.74	23	9.8
9	2.2	2.0	1.9	2.5	2.2	2.7	5.3	3.9	3.4	2.6	2.4	2.0	2.1	2.2	2.2	3.3	3.0	2.9	2.6	3.2	3.4	2.8	3.1	2.5	2.76	24	8.4
10	2.4	2.5	3.1	2.5	3.0	3.2	7.6	6.3	6.1	5.5	5.1	4.7	4.5	3.4	4.2	3.5	4.1	4.1	6.6	5.4	3.6	3.5	3.3	3.1	4.25	24	12.9
11	2.2	2.6	2.1	2.5	2.3	3.0	6.4			3.5	3.3	2.6	2.2	2.3	2.4	3.1	2.6	2.8	2.8	3.3	3.2	4.2	4.6	6.6	3.19	22	7.8
12*	7.5	6.5	2.6	2.9	3.8	3.7	4.6	2.9	3.1	2.9	2.7	2.2	2.2	2.0	2.2	3.0	2.7	3.4	5.5	6.0	9.4	6.4	4.2	3.1	3.97	24	11.9
13*	3.0	3.8	2.8	3.1	3.1	1.9	1.9	1.9	2.0	2.4	2.7	2.1	1.6	1.7	1.8	1.8	3.5	4.1	3.3	4.3	3.6	3.4	2.7	3.0	2.71	24	7.8
14	2.1	1.7	1.6	1.6	2.0	2.3	3.1	2.9	2.6	4.6		2.4	2.4	2.7	2.5	2.8	3.0	3.0	3.1	2.2	2.1	2.5	2.3	2.2	2.41	23	4.7
15	2.1	2.2	1.9	2.1	2.7	2.6	4.4	3.4	2.9	3.0	2.7	2.2	2.6	2.9	2.9	3.0	2.8	2.8	2.0	2.1	1.9	1.6	1.6	1.6	2.49	24	7.5
16	1.7	1.5	1.7	1.7	2.0	3.0	4.3	3.8	2.7	2.6	2.5	2.5	2.3	2.5	2.7	3.3	2.6	2.2	2.1	1.9		1.8	2.1	2.1	2.40	23	6.2
17	2.0	2.4	1.7	1.7	2.5	2.7	3.8	3.7	3.1	2.6	3.0	2.8	2.9	3.2	2.5	3.5	3.1	5.2	4.0	2.6	2.5	3.4	3.8	3.7	3.00	24	18.7
18																											
19*		4.7	4.0	3.6	3.9	4.7	5.1	5.4	3.7	2.5	2.3	1.9	1.8	1.9	1.9	2.0	2.2								3.19	16	8.1
20*												1.9	1.8	1.8	1.9	2.0	2.9	4.1	5.4	5.3	3.7	3.0	2.4	2.1	2.92	13	7.1
21	1.7	1.6	1.6	1.6	1.9	2.6	5.2	9.3	5.3	2.5	2.2			2.3	2.5	3.0	2.3	2.1	2.1	2.1	2.0	2.0	2.2	3.4	2.78	22	14.1
22	2.2	2.0	2.3	2.9	2.8	4.7	5.8	7.3	4.0	3.5	3.8	2.9	2.9	2.6	2.3	3.1	2.2	2.0	1.8	1.8	1.6	2.0	1.9	1.9	2.91	24	10.5
23	1.9	1.7	2.2	2.0	1.8	2.3	3.8	4.4	2.6	2.0	2.2	2.0	2.0	2.1	2.5	3.3	2.6	2.3	2.4	2.4	2.4	2.2	2.1	2.2	2.38	24	5.9
24	2.3	2.4	2.9	2.3		2.8	3.9	5.1	3.0	2.6	2.5	2.3	2.5	2.6	2.5	3.0	3.4	4.5	5.3	8.9	6.4	3.4	2.7	2.4	3.45	23	11.1
25	2.5	2.1	2.0	2.2	2.5	2.8	4.4				2.6	2.6	2.5	2.7	3.0	4.2	5.8	7.5	6.1	7.7	4.0	3.6	3.1	3.1	3.65	21	9.2
26*	2.9	2.4	2.4	2.0	2.0	2.9	3.8	4.1	7.1	3.3	2.3	2.3	2.4	1.9	1.7	1.8	1.9	2.3	3.0	2.7	2.4	2.4	2.7	2.2	2.69	24	9.0
27*	2.0	1.9	2.0	2.1	2.4	3.4	3.4	2.7	2.4	2.3	2.3		2.2	2.0	2.1	2.1	2.4	3.2	4.8	4.0	3.2	2.9	2.9	4.1	2.71	23	6.9
28	4.7	3.3	2.2	2.1	2.2	2.3		4.9	5.1	4.1	3.6	2.9			3.0	2.8	4.4	3.8	3.7	4.8	4.4				3.54	18	14.3
29											2.8	2.9	2.5	2.8	3.1	3.3	4.5	4.3	4.4	3.9	3.5	3.1	2.9	2.6	3.31	14	5.7
30	2.5	3.0	1.9	2.1	2.0	1.9	2.4						2.4	2.5	2.4	2.8	3.7	3.7	2.7	2.6	3.8	3.3	2.5	2.2	2.64	19	5.4
31	2.1	2.1	2.3	1.7	1.9	1.8	2.7	3.0	2.7		2.2	2.3	2.1	2.4	2.4	2.4	3.5	3.3	2.6	2.6	3.0	2.5	2.6	2.7	2.45	23	5.8
MEAN	2.7	2.7	2.4	2.4	2.4	2.9	4.2	4.4	3.4	2.9	2.7	2.5	2.4	2.4	2.6	3.0	3.1	3.2	3.4	3.6	3.4	3.1	2.8	2.8	2.96		
NO	26	26	26	27	26	26	25	22	22	22	24	26	27	27	29	29	29	28	28	28	27	26	26	25		627	
MAX	7.5	6.5	4.3	4.7	5.1	6.2	8.1	9.3	7.1	5.5	5.1	4.7	4.5	3.4	4.2	6.1	5.8	7.5	6.6	8.9	9.4	6.4	5.1	6.6	4.25		18.7

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-59

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
NOV. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.7	2.4	2.8	2.8	2.8	3.0	4.1			3.6	3.1	3.3	2.9	2.9	2.9	3.1	4.6	3.6	3.0	2.8	2.8	3.0	3.1	2.7	3.11	22	6.2
2*	2.2	2.2	2.1	2.2	2.1	2.3	2.8	3.6	4.7	2.9	2.6	2.6	2.4	2.6	2.3	2.5	2.8	3.3	3.1	2.8	2.8	2.3	2.6	3.0	2.60	24	5.3
3*	2.3	2.2	2.9	2.9	2.9	3.5	3.6	4.2	3.2	3.0	2.9	3.1	2.6	2.9	3.1	3.0	3.1	3.6	4.3	4.6	3.4	3.3	3.3	3.3	3.20	24	5.5
4	3.5	3.6	4.1	3.5	3.9	3.4	3.8	7.0	7.5		3.3		2.8	2.5	2.4	3.1	4.1	3.4	2.4	2.1	2.0	2.3	3.2	3.5	3.50	22	12.2
5	4.3	2.3	2.1	2.1	2.2	2.8	3.0	3.4	3.1		2.2	2.5	2.3	2.5	2.3	2.9	3.3	3.0	2.5	2.1	2.0	2.0	1.9	1.8	2.51	23	6.1
6	1.8	1.8	1.8	1.8	1.8	1.9	2.2	3.2	2.8	2.4	2.5	2.4	2.3	2.5	2.7	2.9	4.7	4.2	2.8	2.7	2.2	2.3	2.1	2.2	2.48	24	6.2
7	2.3	2.4	2.5	2.3	2.2	2.0	2.5	2.9	3.6		3.0	3.7	3.1	3.0	3.4	4.0	5.7	5.7	4.3	3.7	4.6	5.0	5.3	4.4	3.53	23	7.1
8	3.9	2.7	2.8	3.2	2.2	2.8	4.1	5.2								2.4	3.5	3.7	3.2	2.8	2.6	2.3	2.4	2.6	3.07	17	6.7
9*	2.7	2.3	2.2	2.2	1.8	2.2	2.8	2.8	4.2	4.8	3.6	2.4	2.0	1.8	1.8	1.9	2.5	2.6	2.1	2.3	1.8	1.9	1.9	2.1	2.44	24	6.6
10*	2.1	2.2	2.0	1.7	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.7	1.9	2.0	2.2	2.5	2.2	2.2	2.3	2.1	1.8	1.92	24	3.3
11	1.9	1.7	1.8	1.8	2.1	1.9	2.6	3.7	4.7	6.4	4.5	4.2	2.5	2.1	2.2	2.3	2.4	3.0	3.3	4.6	3.8	3.7	3.0	2.5	3.01	24	15.3
12	3.0	2.3	2.3	2.2	2.0	1.9	2.6	2.9			3.2	3.1	3.1	2.7	3.1	3.3	3.5	2.9	3.2	4.7		2.4	1.7	1.9	2.74	21	7.5
13	2.8	3.8	3.6	3.0	3.1	2.1	2.4	4.9	3.6	2.3	2.1	2.0	2.3	2.3	2.6	3.9	4.9	3.6	2.1	2.0	2.6	2.7	2.0	2.0	2.85	24	6.6
14	2.0	1.8	2.2	1.8	2.2	2.6	2.9	3.7	3.5		3.4	3.2	2.9	3.0	3.2	3.3	4.4	3.8	3.0	3.0	2.6	2.5	2.6	3.1	2.88	23	6.5
15	2.8	2.5	2.7	4.1	2.3	2.2	3.1	5.6	5.5		4.3	5.3	4.6	4.3	4.4	4.4	6.1	5.8	4.2	3.8	3.9	4.4	5.4	5.6	4.22	23	8.0
16*	3.9	3.1	2.6	2.3	3.6	3.3	2.5	2.5	2.6	2.4	2.4	2.4	2.4	2.2	2.3	2.6	2.0	2.0	1.9	2.1	2.4	2.1	2.4	2.2	2.49	24	5.7
17*	2.6	2.3	1.9	1.8	2.0	2.1	2.1	2.0	1.8	1.8	1.8	1.8	1.9	1.9	2.0	1.9	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.00	24	3.0
18	2.2	2.2	2.2	2.0	1.9	2.3	2.2	3.0	3.7			3.1	2.8	2.8	2.8	3.8	6.0	4.5	4.5	5.9	6.8	5.5	2.5	2.2	3.40	22	8.8
19	1.9	2.7	5.1	2.9	2.3	2.7	3.3	7.0	8.4	5.4	3.0	2.4	2.5	2.4	2.5	2.6	4.0	5.2	3.7	2.7	3.1	3.0	2.6	2.0	3.46	24	11.5
20	1.8	2.0	1.6	1.5	2.5	2.9	4.9	11.9	10.9	7.3	4.1	3.7	5.5	5.1	5.2	6.4	11.9	17.3	17.2	9.3	4.1	3.2	2.8	2.3	6.04	24	18.4
21	2.2	2.1	2.1	2.4	4.2	2.6	2.5	3.6	3.7	3.5	2.8	2.2	2.4	2.1	2.2	3.2	5.9	6.8	4.8	6.6	5.0	8.1	7.7	4.3	3.87	24	10.5
22	3.9	2.8	2.1	1.7	1.7	1.8	2.0			2.8	2.9	3.6	4.2	4.1	2.3	2.4	2.5	2.1	1.8	2.5	3.1	2.3	2.4	3.1	2.63	22	16.5
23*	1.9	2.1	1.9	1.7	1.9	1.8	1.8	2.1	1.8	2.1	2.0	2.1	1.8	1.7	1.7	1.7	1.7	1.6	2.0	2.3	2.7	2.2	2.6	3.1	1.99	24	4.3
24*	3.3	3.5	3.3	2.4	2.3	2.4	2.0	2.4	1.9	1.9	2.1	2.1	2.0	2.2	2.0	1.8	2.2	2.6	2.7	2.7	2.8	4.3	4.5	3.0	2.59	24	8.0
25	2.9	3.8	3.3	3.0	4.5	4.1	4.8	9.4	13.9			2.3	1.9	1.7	1.6	1.7	2.2	2.2	1.5	1.7	2.2	2.1	1.7	1.8	3.36	22	17.9
26	1.8	1.7	2.1	2.1	2.4	2.7	3.4	4.6	4.4	3.0	2.5	2.4	2.4	2.3		2.3	3.8	6.0	6.3	5.4	3.8	3.1	3.0	2.9	3.21	23	14.8
27	3.1	4.1	3.4	2.5	1.9	2.1	2.1	4.1	4.8	4.3	3.7	4.3	2.8	2.6			6.8	6.0	4.4	2.6	2.2	2.0	2.0	1.7	3.33	22	9.3
28	1.9	1.8	1.6	1.5	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	2.3	2.1	2.3	2.2	2.4	3.5	3.7	3.3	2.7	2.09	24	5.1
29	2.4	2.2	2.2	2.2	2.2	2.2	2.3	2.9			2.9	3.0	3.1	3.0	3.2	3.4	5.2	4.9	4.2	3.9	3.9	3.3	2.9	3.3	3.11	22	7.3
30*	2.8	3.1	2.8	2.8	2.8	2.7	3.0	3.4	3.1	3.2	3.4	3.5	3.4	3.8	4.1	3.9	4.6	6.4	5.7	7.0	7.6	7.4	5.5	5.2	4.20	24	9.6
MEAN	2.6	2.5	2.5	2.3	2.4	2.4	2.8	4.1	4.3	3.3	2.9	2.9	2.7	2.6	2.6	2.9	4.0	4.2	3.7	3.5	3.3	3.2	3.0	2.8	3.06		
NO	30	30	30	30	30	30	30	28	25	20	27	28	29	29	27	29	30	30	30	30	29	30	30	30		691	
MAX	4.3	4.1	5.1	4.1	4.5	4.1	4.9	11.9	13.9	7.3	4.5	5.3	5.5	5.1	5.2	6.4	11.9	17.3	17.2	9.3	7.6	8.1	7.7	5.6	6.04		18.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-60

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
FLAME IONIZATION ANALYSIS

TOTAL HYDROCARBON
DEC. 1968

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*																											
2																											
3																											
4																											
5																											
6																											
7*																											
8*																											
9											4.4		4.1	3.7	4.2	3.7	7.0	8.3	8.0	7.3	4.8	3.9	3.7	3.1	5.08	13	11.3
10																											
11												2.6	2.5	2.6	2.6	3.1	3.8	3.2	2.4	2.6	2.5	1.7	1.6	1.6	2.50	13	5.2
12	1.5	1.4	1.4	1.4	1.4	1.5	1.5	2.0	2.1	1.9	1.8	1.9	1.8	1.8	1.6	1.9	2.4	2.1	1.6	1.6	1.7	1.6	1.5	1.8	1.70	24	3.8
13	1.6	1.5	1.4	1.5	1.6	1.6	2.0	3.6	3.5			2.1	2.1	2.2	2.2	2.6	3.6	3.6	2.5	3.2	3.1	2.7	3.6	5.7	2.60	22	6.3
14*	5.8	5.1	5.2	5.8	6.0	4.5	3.8	4.0	4.0	3.6	4.1	5.7	5.3	4.1	3.4	3.6	3.5	4.5	5.4	5.0	6.7	9.6	9.3	6.3	5.16	24	11.1
15*	5.9	5.6	6.4	5.7	5.1	4.8	5.0	3.1	2.8	2.8	2.3	2.2	2.0	1.6	1.4	1.6	1.7	1.6	2.2	3.8	2.7	3.4	4.2	4.3	3.42	24	8.5
16	3.5	4.6	3.4	3.4	2.8	3.6	6.5	8.7	13.0		5.1	3.6	2.6	3.0	3.3	4.1	6.8	6.5	4.0	5.1	6.7	7.3	6.0	6.1	5.11	23	16.6
17	9.6	7.4	7.4	7.9	7.4	5.3	3.6	7.6	6.9	5.1	2.7	2.5	2.8	2.5	2.3	2.4	3.2	3.8	2.6	1.9	1.6	1.7	1.7	1.6	4.04	24	12.0
18	1.5	1.4	1.4	1.6	1.7	1.8	2.6	3.3	4.3	3.1	2.6	2.9	2.8	2.9	2.5	2.0	2.9	3.0	2.4	3.3	3.6	3.2	2.9	2.0	2.56	24	5.8
19	2.2	1.7	1.9	2.5	2.2	2.2	2.3	3.5	2.9	2.9	2.7	2.1	2.3	2.3	3.4	4.1	5.3	3.9	3.5	3.7	2.4	2.8	3.8	3.2	2.89	24	6.7
20	2.8	1.9	1.7	1.7	1.9	2.1	2.8	4.2				3.0	2.9	2.8	3.5	3.3	4.1	3.8	2.7	2.6	2.6	2.6	2.7	2.6	2.76	21	6.7
21*																											
22*																											
23																											
24	4.4	2.9	4.8	5.1	4.7	5.0	7.0	11.6	9.8	9.7	9.6	5.8	4.1	5.2	5.6	7.3	6.7	5.9	5.2	7.2	8.0	7.0	5.6	5.5	6.39	24	18.4
25	4.4	4.5	5.4	3.3	2.2	2.1	2.3	3.1	3.0	3.2	3.0	3.1	3.3	2.4	2.1	2.0	3.3	4.0	3.3	3.3	4.2	4.5	2.0	1.8	3.15	24	7.3
26	1.8	1.9	1.7	1.7	4.2	4.4	7.8	8.1	7.3	4.7	3.1	2.9	2.7	2.7	3.0	4.3	5.5	4.6	3.2	2.8	2.8	2.3	2.3	2.3	3.65	24	12.9
27	2.1	2.7	2.3	2.3	1.8	2.0	3.0	4.0			2.8	2.2	2.3	2.3	2.5		3.3	3.1	3.0	2.5	2.3	2.3	2.6	2.7	2.57	21	6.3
28*	2.2	2.2	2.3	2.3	2.3	2.5	2.8	2.8	3.4	3.3	2.9	3.4	2.6	2.0	2.2	2.1	1.9	1.8	2.2	2.1	1.8	2.5	3.7	5.1	2.59	24	6.1
29*	4.4	3.5	2.5	2.2	2.1	2.3	2.4	2.2	2.1	1.9	2.0	1.8	1.8	1.8	1.9	2.0	2.1	2.7	2.2	2.2	2.0	2.1	2.0	1.9	2.23	24	5.4
30	2.1	1.8	1.7	1.7	1.8	1.9	2.2	3.7	3.5	2.6	2.7	2.5	2.5	2.8	2.7	2.9	3.3	2.3	1.9	1.7	1.6	1.7	2.1	5.3	2.45	24	8.0
31																											
MEAN	3.2	3.0	3.2	3.1	3.0	3.0	3.6	4.7				3.0	2.8	2.7	2.8	3.1	3.9	3.8	3.2	3.4	3.4	3.5	3.4	3.5	3.37		
NO	16	16	16	16	16	16	16	16	14	12	15	17	18	18	18	17	18	18	18	18	18	18	18	18		401	
MAX	9.9	7.4	7.4	7.9	7.4	5.3	7.8	11.6	13.0	9.7	9.6	5.8	5.3	5.2	5.6	7.3	7.0	8.3	8.0	7.3	8.0	9.6	9.3	6.3	6.39		18.4

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-61

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JAN. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.00		.00	.00	.00	.00	.00	.01	.01						.04	.02	.01	.01	.02	.02	.03	.01	.00	.009	18	.05
2	.00	.01		.02	.02	.02	.01	.00	.01	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.01
3	.00	.00		.00	.00	.00	.01			.01	.01	.03	.04	.06	.04	.02	.01	.03	.03				.00	.00	.015	18	.08
4																											
5										.02	.02	.04	.04	.04	.04	.03	.02	.02	.02	.02	.03	.02	.03	.02	.026	19	.05
6*	.01	.02		.03	.03	.03	.02	.02	.01	.01	.01	.00	.01			.02	.00	.00	.00	.00	.00	.00	.00	.00	.009	21	.03
7*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.05	.04	.04	.04	.02	.02	.01	.02	.03	.05	.03	.02	.017	23	.08
8	.02	.02		.01	.00	.00				.01	.01	.00				.03	.01	.01	.01	.01	.01	.02	.01	.01	.011	17	.04
9																											
10																											
11																											
12																											
13*																											
14*																											
15												.03	.03	.05	.04	.02	.02	.03	.02	.04	.04	.01	.03	.07	.032	13	.12
16		.02		.01	.01	.01	.01	.01	.01	.01	.02	.04	.06	.05			.05	.04	.05	.07	.09	.05	.03	.02	.033	20	.12
17	.01	.02		.01	.01	.01	.01							.03	.03	.02	.02	.03	.03	.03	.02	.02	.02	.02	.020	17	.04
18																											
19																											
20*																											
21*																											
22																											
23	.01	.01		.01	.01	.01	.02	.01	.02	.02	.03	.05	.04	.06	.05	.04	.02	.03	.03	.02	.02	.01	.01	.01	.022	23	.11
24	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02					.02	.02	.02	.02	.01	.01	.01	.01	.015	19	.07
25	.01	.01		.01	.01	.01	.01	.01	.02	.01	.02	.04	.04	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.016	23	.08
26	.01	.01		.01	.01	.01	.01	.02								.02	.01	.02	.01	.01	.01	.01	.01	.01	.012	16	.03
27*	.01	.01		.00	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02			.02	.01	.01	.01	.01	.01	.02	.02	.014	21	.04
28*	.02	.01		.02	.02	.00	.01	.02	.02	.02	.02						.01	.02	.02	.02	.01	.02	.02	.02	.016	18	.04
29	.02	.02					.01	.03	.03	.02	.03	.02	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.02	.01	.019	20	.09
30	.02	.02			.01	.01	.02	.03	.04	.04	.03	.03	.03	.04	.03	.04	.01	.01	.02	.01	.01	.01	.01	.01	.021	22	.07
31	.02	.03		.02	.02	.01	.00					.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.019	19	.09
MEAN	.01	.01			.01	.01	.01										.02	.02	.02	.02	.02	.02	.01	.01	.017		
NO	16	17		15	16	16	16	13	12	15	14	15	13	13	11	15	19	19	19	18	18	18	19	19		366	
MAX	.02	.03		.03	.03	.03	.02	.03	.04	.04	.03	.05	.06	.06	.05	.04	.05	.04	.05	.07	.09	.05	.03	.07	.033		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-62

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
FEB. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.02	.04		.04	.04	.04	.02	.02	.02	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.01	.00	.025	23	.04
2	.01	.03		.03	.01	.01	.00	.00			.00	.01	.00	.01			.01	.01	.01	.01	.02	.02	.01	.01	.010	16	.03
3*	.00	.00		.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.02			.02	.02	.01	.00	.01	.00	.02	.02	.009	21	.04
4*	.02	.01		.01	.01	.01	.01	.02	.01	.02	.03	.04	.02	.03	.04	.04	.03	.02	.01	.01	.02	.01	.01	.01	.019	23	.04
5	.01	.01		.01	.01	.00	.01									.03	.02	.01	.01	.01	.02	.02	.01	.02	.013	15	.04
6	.02	.01		.02	.02	.01	.02					.03	.03	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.019	19	.04
7	.01	.01		.01	.01	.01	.02	.04	.03	.02	.04	.06	.07	.06	.04	.04	.03	.01	.01	.02	.03	.05	.03	.02	.029	23	.08
8	.02	.01		.01	.01	.01	.01	.02	.02	.02	.03	.04					.03	.02	.01	.01	.01	.02	.01	.02	.015	19	.05
9																											
10*																											
11*		.01					.01	.01					.06	.06	.06	.05			.02	.02	.02	.02	.03	.03	.031	13	.06
12																											
13																											
14																											
15																											
16																											
17*		.02		.02	.02	.02	.01	.01	.01	.02	.01	.01	.01	.02			.03	.03	.01	.01	.01	.02	.01	.01	.013	20	.05
18*	.01	.01		.01	.01	.02	.02	.02	.02	.02	.04	.07	.05	.05			.04	.03	.03	.03	.03	.02			.027	19	.08
19																											
20	.01	.01		.01	.01	.01	.01			.03	.04	.04	.04	.03			.02	.01	.01	.01	.01	.01	.01	.01	.017	19	.05
21	.01	.01		.01	.01	.01	.02	.03	.04	.03	.02	.03	.04				.03	.02	.02	.02	.02	.02	.02	.02	.020	20	.09
22	.02	.02		.02	.02	.02	.02	.02	.02	.03	.04	.03	.04	.03			.02		.01	.02	.02				.023	17	.05
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
MEAN	12	14		13	13	13	14	11	9	10	11	12	12	11	5	6	13	12	14	14	14	13	12	12			
NO	.02	.04		.04	.04	.04	.02	.04	.04	.03	.04	.07	.07	.06	.06	.05	.04	.03	.03	.03	.03	.05	.03	.03	.031	270	.09
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

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Table 3-63

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DENVER, COLO.

TOTAL OXIDANT
MARCH 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1																											
2*																											
3*																											
4																											
5																											
6																											
7																											
8																											
9*																											
10*																											
11																											
12	.02	.02			.01	.01	.01	.02	.02	.03	.05						.05	.05	.04	.03	.02	.03	.02	.02	.026	17	.06
13	.02	.02			.02	.02	.02							.06			.06	.05	.03	.02	.02	.02	.01	.02	.026	14	.07
14	.02	.02		.03	.05	.05	.03	.03		.05	.05	.05	.05	.05	.05	.04	.04	.04	.05	.04	.03	.02	.02	.01	.036	22	.05
15	.02	.01		.01	.03	.01	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.023	23	.05
16*	.02	.02		.02	.02	.01	.01	.02	.03	.02	.02	.04	.04	.03	.03	.03	.04	.03	.02	.02	.02	.02	.03	.02	.023	23	.05
17*	.01	.03		.03	.03	.03	.02	.02	.03	.04	.03	.04	.04	.04	.04	.04	.04	.03	.04	.03	.03	.03	.03	.04	.031	23	.05
18	.03	.04		.03	.03	.02	.02	.02	.03	.04			.05	.05	.05	.05	.05	.04	.04	.03	.02	.03	.02	.01	.033	21	.06
19	.01	.01		.01	.01	.01	.02						.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.031	18	.05
20																											
21																											
22																											
23*																											
24*		.01		.01	.01	.01	.01	.02	.04	.06	.06	.06	.06	.06			.06	.06	.05						.038	15	.06
25																											
26	.01	.02		.03	.02	.03	.02	.03	.04	.06	.07	.07	.07	.07	.07	.05	.05	.04	.04	.04	.03	.05	.04	.03	.042	23	.09
27																											
28												.07	.06	.06	.05	.05	.05	.04	.03	.03	.04	.04	.03	.02	.043	13	.09
29	.01	.01		.02	.02	.02	.03	.03	.04	.08	.06	.06	.07	.09	.08	.07	.05	.05	.03	.02	.02	.02	.02	.01	.039	23	.10
30*	.02	.02		.04	.02	.02	.02	.03	.05	.09	.09	.08	.07	.06	.06	.06	.05	.06	.04	.04	.03	.03	.04	.05	.046	23	.12
31*	.05	.05		.06	.06	.06	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.05	.06	.04	.03	.03	.03	.03	.03	.048	23	.07
MEAN																											
NO.	12	13		11	13	13	13	11	10	11	10	10	12	13	11	11	14	14	14	13	13	13	13	13		281	
MAX	.05	.05		.06	.06	.06	.05	.05	.05	.09	.09	.08	.07	.09	.08	.07	.06	.06	.05	.04	.04	.05	.04	.05	.048		.12

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-64

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

DENVER, COLO.

TOTAL OXIDANT
APRIL 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.02	.02		.02	.02	.02	.03	.03	.05	.06	.14	.15	.09	.07	.06	.01	.06	.06	.04	.03	.04	.03	.03	.02	.051	23	.20
2	.02	.02		.02	.03	.03	.02	.03	.05	.07	.09	.06	.06	.06			.04	.04	.04	.04	.05	.04	.06	.05	.043	21	.12
3	.03	.03		.04	.04	.03	.03	.03	.04	.04	.05	.05	.06	.06	.05	.03	.04	.04	.03	.03	.04	.04	.03	.02	.038	23	.06
4																											
5								.03	.03	.10	.14	.13	.10	.07	.06	.06	.05	.04	.03	.02	.02	.02	.02	.02	.055	11	.17
6*	.02	.02		.02	.03	.03	.04	.05	.06	.07	.06	.06	.06	.07	.07	.06	.06	.05	.05	.04	.04	.04	.04	.04	.046	23	.09
7*	.04	.03		.06	.03	.06	.05	.06	.06	.07	.07	.07	.07	.07	.06	.07	.07	.06	.05	.04	.05	.06	.05	.05	.056	23	.07
8	.03	.01		.02	.00	.01	.01	.02	.04	.05	.06	.05	.06	.06	.06	.05	.03	.04	.03	.02	.02	.01	.01	.02	.030	23	.07
9	.02	.02		.03	.04	.02	.03	.03	.05	.06	.07	.08					.06	.06	.05	.03	.03	.02	.03	.03	.039	19	.10
10	.02	.03		.03	.03	.02	.02	.01	.04	.08	.07	.07	.07	.07	.09	.10	.05	.04	.03	.02	.02	.02	.00	.01	.041	23	.11
11	.02	.01		.03	.03	.03	.02	.02			.09	.11	.10	.10	.10	.09	.08	.06	.04	.02	.02	.03	.04	.02	.040	21	.13
12	.02	.02		.02	.03	.03	.03	.04	.06	.08	.08	.06	.06	.06	.06	.06	.05	.05	.05	.04	.03	.01	.01	.01	.042	23	.09
13*	.01	.01		.01	.01	.01	.01	.02	.02	.02	.04	.04		.08	.08	.09	.06	.06	.06	.06	.04	.05	.04	.05	.039	22	.09
14*	.05	.05		.04	.03	.03	.04	.04	.06	.07	.08	.08	.10	.10	.07	.06	.06	.06	.05	.04	.04	.01	.00	.01	.051	23	.11
15	.02	.01		.02	.03	.04	.02	.03	.08	.07	.06						.06	.05	.06	.05	.06	.05	.05	.03	.043	18	.10
16	.03	.04		.05	.04	.03	.02	.04									.05	.04	.04	.03	.03	.03	.03	.04	.035	15	.05
17	.04	.04		.04	.02	.02	.01	.02				.04	.04		.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.027	19	.04
18	.02	.03		.03	.03	.02	.02	.02	.02		.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.04
19																											
20*																											
21*		.02		.01	.02	.01	.01	.02	.03	.03			.04	.05	.05	.05	.04	.04	.02	.03	.02	.03	.03	.03	.028	20	.06
22	.03	.04			.02	.03	.02	.03	.02	.02		.04	.03	.04	.03	.02	.02	.03	.03	.03	.03	.02	.02	.02	.026	21	.04
23	.02	.02			.01	.02	.02		.03								.09	.09	.08	.05	.02	.02	.02	.02	.036	14	.11
24	.01	.02		.02	.04	.03	.01						.04	.05	.06	.06	.04	.04	.03	.04	.04	.03	.03	.02	.034	18	.07
25	.04	.04		.04	.05	.04	.04				.05			.05	.05	.04	.03	.04	.04	.03	.04				.040	15	.07
26										.04	.04	.05	.06	.06	.06	.05	.04	.04	.03	.02	.02	.02	.01	.02	.037	15	.07
27*	.01	.02		.05	.05	.04	.03	.03	.03	.03	.03	.04	.03	.04	.04	.05	.04	.03	.04	.03	.03	.02	.02	.02	.032	23	.06
28*																											
29										.05	.05	.05	.05		.05	.05	.05	.06	.05	.03	.02	.03	.04	.03	.044	14	.07
30	.05	.05		.05	.05	.03	.03	.03					.08	.08	.08	.07	.06	.04	.05	.03	.01	.01	.01	.01	.042	19	.10
MEAN	.03	.03		.03	.03	.03	.02	.03	.04	.06	.07	.07	.06	.06	.06	.06	.05	.05	.04	.03	.03	.03	.03	.02	.039		
NO	22	23		21	23	23	23	21	18	18	19	19	20	20	21	21	26	26	26	26	26	25	25	25		517	
MAX	.05	.05		.06	.05	.06	.05	.06	.08	.10	.14	.15	.10	.10	.10	.10	.09	.09	.08	.06	.06	.06	.06	.05	.056		.20

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-65

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
MAY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.01	.02		.03	.03	.01	.01	.04	.07	.06	.06	.06	.07	.07	.07	.06	.05	.05	.04	.02	.02	.02	.02	.03	.040	23	.08
2																											
3								.04	.04	.05	.05	.06	.06	.05	.05	.03	.04	.04	.04	.02	.02	.02	.02	.02	.037	11	.06
4*	.01	.01		.01	.01	.02	.02	.03	.04	.05	.05	.05	.06	.07		.07	.07	.07	.09	.07	.04	.03	.04	.04	.042	22	.10
5*	.03	.02		.03	.03	.03	.03	.04	.04	.04	.14	.09	.08	.06	.07	.07	.07	.06	.06	.05	.04	.04	.04	.04	.051	23	.21
6	.04	.04		.03	.02	.02	.02	.03	.04	.05	.05	.05	.05	.05	.04	.04	.04	.04	.02	.05	.03	.04	.05	.05	.038	23	.06
7	.05	.07		.06	.04	.05	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.04	.02	.01	.01	.02	.043	23	.07
8	.01	.01		.00	.01	.01	.01					.08	.07	.06	.05	.04	.04	.05	.05	.03	.03	.03	.03	.03	.033	19	.09
9	.03	.03		.03	.02	.01	.01	.02	.03	.04	.05	.06	.05	.07	.09	.08									.042	15	.10
10									.03			.04	.04	.04	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.030	14	.05
11*	.03	.03			.03	.03	.03	.03	.03	.04	.04	.04	.04	.05		.07						.02		.01	.035	15	.07
12*																											
13																											
14	.04	.02			.02	.02	.02	.04	.04	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.03	.01	.02	.03	.04	.032	22	.06
15	.05	.05		.06	.05	.04					.04	.05	.04	.05	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.039	19	.06
16	.02	.01		.02	.03	.02	.01		.01	.01	.02	.02	.02	.02	.01	.02	.01	.02	.02	.02	.01	.01	.01	.01	.016	22	.04
17	.01	.02		.02	.02	.01	.01	.02	.04	.05	.05	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.02	.03	.03	.027	23	.07
18*																											
19*																											
20																											
21										.05	.05	.05	.05	.05	.05	.05	.04	.05	.04	.04	.02	.02	.03	.03	.041	15	.06
22	.03	.03			.03	.03			.03	.06	.07	.06	.05	.05	.05	.04	.05	.04	.05	.04	.04	.04	.04	.04	.043	20	.08
23	.04	.03			.04	.04					.05	.05	.05	.05	.03	.03	.03	.04	.03	.04	.04	.04	.04	.04	.038	18	.06
24	.04	.04			.03	.02	.02	.02	.02	.03	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.03	.02	.01	.02	.032	22	.06
25*	.02	.02			.01	.01	.02	.04	.06	.07	.08	.07	.07	.06	.07	.07	.05	.05	.05	.04	.04	.03	.02	.02	.043	22	.08
26*	.02	.02			.06	.04	.04	.06	.06	.06	.06	.06	.05	.05	.05	.05	.04	.04	.04	.02	.01	.02	.02	.04	.041	22	.06
27	.04	.03			.02	.02	.03	.05	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.03	.03	.02	.01	.038	22	.06
28	.01	.01		.01	.01	.02	.02	.05	.07	.09	.05	.05	.06	.07	.07	.06	.06	.07	.06	.04	.03	.01	.01	.02	.040	23	.12
29	.01	.03			.02	.02	.02				.11	.07	.08	.10	.07	.05	.04	.04	.03	.02	.02	.02	.01	.01	.041	19	.13
30	.01	.01			.03	.03	.03	.04	.05	.06	.07	.07	.07	.07	.07	.07	.06	.06	.05	.04	.05	.02	.04	.04	.046	22	.08
31	.04	.02			.02	.01	.01			.03	.04	.06	.06	.05	.04	.03	.04	.05	.04	.03	.04	.03	.04	.04	.035	20	.07
MEAN	.03	.03			.03	.02	.02	.04	.04	.05	.06	.05	.05	.05	.05	.05	.04	.05	.04	.03	.03	.02	.03	.03	.038		
NO	22	22		11	22	22	19	16	19	20	23	25	25	25	23	25	23	23	23	23	23	24	23	24		505	
MAX	.05	.07		.06	.06	.05	.04	.06	.07	.07	.14	.09	.08	.10	.09	.08	.07	.07	.09	.07	.05	.04	.05	.05	.051		.21

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

Table 3-66

CONTINUOUS AIR MONITORING PROGRAM

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JUNE 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.04	.02			.02	.02	.02	.04	.06	.09	.10	.09	.10	.08	.07	.06	.06	.06	.05	.04	.02	.02	.01	.01	.048	22	.13
2*																											
3																											
4																											
5								.07	.05	.02	.06	.07	.05	.05	.05	.06	.06	.05	.05	.04	.04	.02	.03	.01	.046	17	.13
6					.01	.02		.03	.03	.03	.03	.03	.06	.07			.04	.04	.04	.04	.02	.02	.03	.02	.033	17	.08
7																											
8*																											
9*																											
10																											
11									.07	.08	.09	.11	.09	.08	.08	.07	.07				.05	.06	.05	.04	.070	13	.13
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
MEAN	1	1			2	2	1	3	4	4	4	4	4	4	3	3	4	3	3	3	4	4	4	4			
NO	.04	.02			.02	.02	.02	.07	.07	.09	.10	.11	.10	.08	.08	.07	.07	.06	.05	.04	.05	.06	.05	.04	.070	69	.13
MAX.																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-67

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
JULY 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1																											
2																											
3					.02	.02	.03	.06	.06	.05	.06	.07	.06	.06	.06	.05	.05	.06	.06	.03	.02	.02	.02	.02	.044	20	.09
4	.02	.01		.01	.01	.01	.02	.05	.07					.12	.08	.07	.05	.06				.04	.02	.03	.041	16	.13
5	.03	.04		.04	.04	.02	.02	.03	.03	.03						.06	.06			.03	.02	.03	.02	.02	.031	16	.07
6*	.02	.01		.01	.02	.02	.02	.03	.04	.06	.09	.13	.14	.14							.02	.02	.02	.01	.045	17	.16
7*											.09	.08	.08	.07	.06	.06	.05	.05	.04	.04	.03	.04	.04	.02	.052	14	.14
8	.01	.02			.01	.01	.04	.04	.04	.04	.06	.07	.07	.06		.04	.05	.06	.05	.03	.03	.02	.02	.02	.037	21	.07
9						.02	.03	.05	.08	.13				.13	.09	.07	.07	.06	.07			.04	.03	.02	.062	14	.15
10							.04	.06	.14	.23	.15	.07	.06	.07	.07	.04	.05				.03	.03	.03		.075	14	.38
11						.02	.03	.08	.08	.07	.11	.06	.06	.06	.07	.06	.04	.07	.05	.04	.03	.02	.02	.01	.051	19	.17
12	.01	.01				.02	.02	.06	.08	.10	.13	.08	.07	.07	.07	.06	.05	.04				.02	.02	.02	.050	18	.15
13*																											
14*																											
15						.02	.02	.10	.17	.16	.10	.06	.06	.06	.06	.06	.05	.05	.04	.03	.02	.02	.02	.01	.058	19	.23
16	.01					.02	.03	.07	.09	.12	.12	.06	.06	.06			.05	.05	.04			.02			.057	14	.17
17				.01	.02	.02	.03	.05		.10	.10	.08	.05	.07	.09	.09	.09	.07	.05				.02		.058	18	.11
18							.03	.03	.03	.05	.05	.07	.08	.08	.07	.07	.06	.05	.05	.03	.02	.02	.03	.02	.046	18	.09
19							.02	.05	.07	.16	.19	.12	.10	.06	.05	.04	.04	.05	.03	.03	.02	.01	.01	.01	.058	18	.25
20*	.01	.01						.04				.11	.09	.08	.07	.06	.07	.07	.07	.04	.04	.03	.03	.02	.054	16	.13
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
31																											
MEAN																											
NO.	7	6		4	6	11	14	15	13	13	12	13	13	15	12	14	15	13	11	9	11	15	15	13		270	
MAX.	.03	.04		.04	.04	.02	.04	.10	.17	.23	.19	.13	.14	.14	.09	.09	.09	.07	.07	.04	.04	.04	.04	.03	.075		.38

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-68

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
AUG. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16		.01		.02	.02	.01		.02	.03	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.02	.04	.05	.038	19	.06
17*	.05	.02		.04	.02	.01	.02	.02	.03	.05	.07	.08	.06			.04	.04	.03	.03	.02	.02	.01	.02	.01	.031	21	.10
18*	.01	.01		.00	.01	.01	.02	.05	.06	.07	.07	.07	.07			.05	.05	.05	.04	.02	.01	.02	.01	.02	.033	21	.08
19	.01	.02		.01	.01	.01	.03	.04	.05				.06	.06	.06	.04	.04	.04	.02	.02	.02	.01	.01	.01	.028	20	.08
20				.02	.03								.05	.04	.05	.05	.04	.03	.02	.03	.02	.01	.01	.01	.029	14	.05
21	.01					.01			.06	.06	.06	.08	.08	.07	.07	.06	.05	.04	.04	.06	.03	.01			.049	16	.11
22					.01	.02	.01	.05	.06	.06	.04	.04	.04	.04			.03	.03	.03	.03	.01	.01	.02	.02	.029	18	.11
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
31*																											
MEAN	4	4		5	6	6	4	4	5	5	5	5	7	5	4	6	7	7	7	7	7	7	6	6		129	
NO	.05	.02		.04	.03	.02	.03	.05	.06	.07	.07	.08	.08	.07	.07	.06	.05	.05	.05	.06	.04	.02	.04	.05	.049		.11
MAX																											

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-69

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
SEPT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2																											
3																											
4																											
5																											
6		.02		.01	.01	.01				.04	.05	.05	.05	.06	.08	.08	.05	.03	.02	.01	.01	.03	.03	.03	.035	19	.09
7*																											
8*																											
9							.03	.07			.09	.10	.06			.06	.04	.03	.02	.02	.01	.02	.02	.01	.041	14	.14
10	.01	.02		.02							.09	.13	.09	.06	.05	.05	.04	.04	.02	.02	.01	.01	.03	.01	.040	17	.16
11	.01	.01		.01	.02	.01	.03	.03	.06	.07	.06	.07	.05	.04	.05	.04	.04	.03	.03	.01	.01	.01	.01	.01	.031	23	.08
12	.01	.03		.02	.01	.00	.02									.03	.03	.02	.02	.01	.01	.00	.03	.02	.018	15	.05
13	.01	.02		.01	.01	.01	.02	.04	.05	.11	.05	.04	.04	.05		.02	.03	.02	.01	.01	.01	.00	.00	.00	.024	22	.14
14*	.00	.01		.03	.02	.02	.02						.04	.05	.05	.06	.06	.02	.02	.01	.01	.02	.03	.02	.026	18	.07
15*	.01	.01		.01	.01	.01	.02	.03	.04	.04	.05	.06	.06	.06	.06	.05	.06	.05	.04	.04	.03	.04	.04	.04	.037	23	.06
16	.04	.04		.03	.02	.03	.03	.03	.04	.04	.04	.04	.03				.03	.02	.03	.02	.01				.030	17	.04
17	.02	.01						.03	.03	.04	.04	.05				.04	.04	.03	.02	.02	.01	.00	.01		.026	15	.05
18																											
19																											
20																											
21*																											
22*																											
23								.03	.05	.11	.06	.04	.06			.06	.05	.03	.00	.02	.04	.02	.03	.01	.041	15	.17
24	.01						.05	.04	.02	.03	.04	.06	.07			.07	.05	.04	.02	.01	.01	.01	.02	.01	.032	17	.08
25	.03							.02	.03	.04	.05	.05	.04	.04		.04	.03	.01	.00	.01	.02	.02	.01	.02	.027	17	.06
26	.01	.01		.01	.00	.00	.02	.03					.09	.06	.04	.05	.05	.03	.02	.02	.01	.02	.03	.02	.027	19	.10
27	.01	.01						.03	.05	.06	.06	.06	.07			.04	.04	.03	.01	.03	.01	.01	.00	.01	.031	17	.08
28*	.02	.01		.01	.01	.01	.01	.01		.03	.03	.04	.04			.05			.02	.03	.04	.03	.03	.02	.024	18	.05
29*	.03	.03		.04	.03	.04	.04	.03	.03	.03	.04	.04			.06	.05	.05	.03	.02	.02	.01	.03	.02	.02	.032	21	.08
30	.02	.01		.01	.01	.01	.03	.03	.02	.04	.04	.05	.05	.05	.05	.06	.05	.03	.03	.02	.03	.01	.01	.01	.028	23	.07
MEAN																.05	.04	.03	.02	.02	.02	.02	.02	.02			
NO	15	14		12	11	11	12	14	11	13	15	15	15	9	8	17	17	17	18	18	18	17	17	16		330	
MAX	.04	.04		.04	.03	.04	.05	.07	.06	.11	.09	.13	.09	.06	.08	.08	.06	.05	.04	.04	.04	.04	.04	.04	.041		.17

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Table 3-70

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
OCT. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN. MAX
1	.00	.01		.01	.01	.01	.04	.04	.05	.05	.05					.05	.06	.02	.03	.03	.00	.02	.01	.01	.024	19	.06
2	.01			.01	.01	.01	.03		.05	.05	.06	.06	.06			.06	.05	.03	.04	.03	.04	.02	.02	.03	.034	19	.07
3	.05	.04		.02						.04	.06	.06					.04	.03	.01	.01	.02	.02	.02	.03	.032	14	.08
4	.01	.01		.01	.01	.00	.03	.03	.04	.06	.10	.12	.08	.06	.06	.06	.05	.04	.04	.02	.02	.02	.02	.01	.038	23	.19
5*	.00	.01		.01	.03	.03	.02	.04	.04	.05	.05	.06	.06	.06	.06	.06	.05	.03	.01	.00	.01	.03	.04	.01	.032	23	.07
6*	.02	.01		.01	.01	.01	.01	.02	.04	.05	.07	.07	.05	.05	.05	.06	.05	.02	.02	.05	.04	.01	.01	.00	.031	23	.08
7	.00	.01		.02	.01	.03	.04	.06	.05	.05	.05	.05	.06	.06	.05	.05	.04	.04	.03	.02	.01	.02	.03	.03	.035	23	.11
8	.04	.04		.04	.03	.02	.04	.03	.02	.03	.03	.04	.04			.05	.04	.02	.01	.01	.02				.029	18	.09
9					.00	.01			.05	.05	.05	.06	.06	.06	.07	.06	.05	.03	.02	.02	.01	.02	.00	.01	.035	18	.08
10	.01	.00		.02	.00	.00					.03	.04	.06	.05	.08	.04	.04	.02	.05	.03	.02	.01	.01	.01	.027	19	.11
11																											
12*	.03	.05		.01	.00	.01	.04	.01	.04	.05	.08	.08	.07	.06	.04	.05	.03	.01	.03	.03	.07	.06	.03	.01	.039	23	.11
13*	.00	.02		.01	.01	.02	.01	.01	.02	.03	.05	.04	.04			.04	.03		.01	.03	.02	.02	.01	.01	.020	20	.05
14																											
15										.03	.03	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.03	.03	.04	.028	15	.05
16	.04	.03		.03	.01	.00				.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.024	20	.05
17	.03	.03		.02	.02	.00	.01			.04	.04	.04	.04	.05	.04	.03	.02	.02	.03	.03	.03	.02	.03	.02	.028	21	.07
18	.01	.01		.00	.00								.04			.01	.01	.00	.02	.02	.02	.00	.01	.01	.012	14	.07
19*	.00	.02		.01	.01	.02	.02	.03	.03		.05	.06	.07	.08	.09										.037	13	.10
20*																											
21	.02	.03	.03	.02	.01	.01	.03	.07	.06				.05			.04	.03	.03	.02	.02	.02	.02	.02	.02	.028	19	.12
22	.01	.02		.01	.01	.02	.04	.07	.04	.05	.08	.09	.06			.04	.04	.04	.04	.04	.04	.03	.04	.04	.039	21	.11
23	.03	.03		.05	.03	.01	.02	.04	.05	.05	.05	.06	.06			.05	.04	.03	.02	.02	.02	.02	.02	.02	.035	21	.10
24	.01	.02		.01	.01	.02	.03	.06		.05	.05	.07	.08	.08	.08	.06	.04	.04	.02	.09	.07	.03	.03	.02	.043	22	.15
25	.02	.02		.01	.01	.02	.04	.07	.06	.08	.09	.11	.11	.18	.26	.15	.07	.07	.05	.06	.01	.02	.02	.03	.067	23	.43
26*																											
27*																											
28																											
29																											
30																											
31																											
MEAN	.02	.02	1	.02	.01	.01	.03			.05	.06	.06	.06			.05	.04	.03	.03	.03	.02	.02	.02	.02	.033		
NO	20	19		20	20	19	16	14	15	18	20	19	20	13	13	20	21	20	21	21	21	20	20	20		431	
MAX	.05	.05	.03	.05	.03	.03	.04	.07	.06	.08	.10	.12	.11	.18	.26	.15	.07	.07	.05	.09	.07	.06	.04	.04	.067		.43

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-71

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
NOV. 1968

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1		.00		.00	.01	.01	.02	.02			.02	.03	.04	.04	.03	.02	.03	.02	.01	.01	.01	.01	.01	.02	.017	20	.07
2*	.01	.01		.01	.01	.01	.01	.02	.02	.05	.04	.04	.05	.05	.05	.04	.03	.01	.01	.01	.01	.01	.00	.01	.022	23	.06
3*	.01	.01		.00	.01	.01	.01	.01	.02	.05	.07	.11	.06	.07	.04	.01	.01	.01	.02	.02	.01	.01	.01	.01	.025	23	.15
4	.00	.00		.00	.00	.00	.01	.03	.04	.02	.04	.04	.02	.04	.04	.03	.02	.01	.02	.03	.04	.02	.00	.01	.019	23	.08
5	.01	.01		.01	.00	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.015	23	.07
6	.02	.02		.02	.02		.01		.01	.01	.01						.02	.02	.01	.01	.02	.02	.01	.01	.015	16	.06
7	.01	.01		.01	.01	.01	.01	.01				.07					.02	.02	.02	.02	.02	.03	.03	.02	.019	16	.10
8	.02			.01	.01	.01	.01	.03	.02	.02	.03	.04	.05	.06	.05	.03	.01	.01	.01	.02	.01	.02	.01	.01	.021	22	.07
9*	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.01	.01	.02	.03	.03	.02	.02	.02	.019	23	.04
10*	.02	.01		.02	.03	.03	.02	.02	.03	.03	.03	.04				.03				.01	.01	.01			.021	15	.04
11																											
12										.01	.03	.04	.05	.06	.06			.01	.00	.01	.00	.01	.03	.03	.025	13	.07
13	.01	.00		.00	.00	.01	.01	.02	.02	.03	.03	.03	.03	.02	.01	.01	.02	.02	.03	.03	.01	.01	.02	.02	.016	23	.04
14	.02	.03		.03	.02	.02	.02	.02	.02			.02	.02				.02	.02	.01	.01	.01	.01	.01	.01	.016	18	.05
15																											
16*	.01	.01		.01	.01	.01				.01		.02	.03	.03	.03	.02	.03	.03	.03	.02	.01	.01	.01	.02	.018	19	.04
17*	.02	.02		.02	.01	.01	.00	.01	.03	.04	.04	.04	.04	.04	.05	.04	.03	.02	.01	.01	.00	.00	.00	.00	.021	23	.06
18	.00	.01		.00	.00	.00	.00	.01	.01							.01	.02	.01	.02	.03	.03	.02	.01	.01	.011	17	.06
19	.02	.02			.00	.00	.01								.04	.03	.02	.03	.01	.01	.01	.01	.01	.01	.014	15	.05
20																											
21																											
22																											
23*																											
24*	.01	.00		.00	.01	.00	.00	.00	.02	.02	.02	.03	.04	.04	.03	.02	.01	.01	.01	.01	.01	.02	.02	.01	.014	23	.05
25	.01							.05	.09				.03	.03	.03	.03	.02	.02	.03	.02	.01	.01	.01	.01	.027	15	.11
26	.01	.01		.00	.00	.00	.01	.01	.01	.01	.02	.03	.03					.02	.03	.03	.02	.01	.01	.01	.013	19	.05
27	.01	.01							.01	.03		.02	.01	.01		.00	.01	.02	.02	.01	.01	.01	.02	.02	.013	16	.05
28	.02	.02		.03	.03	.03	.02	.03	.03	.04	.03	.03	.03	.03	.03	.03	.02	.02	.01	.01	.02	.02	.02	.01	.025	23	.04
29	.01	.01		.02	.01	.02	.02	.01	.01	.01	.02	.03	.03	.04	.03	.02	.02	.01	.02	.01	.01	.01	.00	.01	.017	23	.05
30*	.01	.01		.00	.01	.01	.00	.00	.01	.02		.03	.04	.07	.08	.04	.03	.03	.03	.03	.03	.03	.02	.02	.023	22	.10
MEAN	.01	.01		.01	.01	.01	.01	.02	.02	.02	.03	.04	.03	.04	.04	.02	.02	.02	.02	.02	.01	.01	.01	.01	.019		
NO	22	21		20	21	20	20	19	20	17	16	20	19	17	17	19	21	23	23	24	24	24	23	23		473	
MAX	.02	.03		.03	.03	.03	.02	.05	.09	.05	.07	.11	.06	.07	.08	.04	.03	.03	.03	.03	.04	.03	.03	.03	.027		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

CONTINUOUS AIR MONITORING PROGRAM

Air Quality Section, Laboratory of Engineering and Physical Sciences
Division of Air Pollution, Public Health Service
U. S. Department of Health, Education, and Welfare

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio 45226

Table 3-72

HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

DENVER, COLO.

CONCENTRATION IN PPM
POTASSIUM IODIDE ANALYSIS

TOTAL OXIDANT
DEC. 1968

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.01		.01	.01	.00	.00	.00	.01	.02	.03	.05	.05	.05	.05	.04	.03	.02	.02	.01	.01	.01	.01	.02	.021	23	.06
2	.01	.01		.01	.00	.01	.01	.03	.03	.02	.03	.02	.04	.04	.04	.02	.01	.01	.02	.02	.02	.01	.00	.00	.017	23	.06
3	.01	.04		.04	.04	.02	.02	.01	.02	.03	.03	.04	.04	.03	.02	.00	.01	.01	.01	.04	.04	.05	.04	.04	.026	23	.06
4					.05	.05	.06	.03	.00	.03	.04	.04	.05	.04	.03	.03	.02	.02	.03	.03	.02	.03	.03	.03	.032	20	.07
5	.04	.04		.03	.02	.01	.00	.01	.01	.01	.02	.02	.03	.05	.03	.02	.00	.00	.00	.00	.01	.01	.03	.02	.018	23	.06
6	.03	.03		.03	.04	.01	.00	.00	.00	.01	.03	.03	.02	.03	.03	.02	.01	.01	.03	.02	.03	.04	.04	.04	.023	23	.06
7*	.04	.04		.04	.04	.04	.04	.03	.03	.03	.02	.02	.03	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.019	23	.05
8*	.00	.00		.01	.01	.01	.01	.01	.02	.03	.01	.02	.04	.05	.06	.05	.02	.01	.00	.01	.00	.00	.00	.00	.015	23	.08
9	.00	.00		.00	.00	.00	.01	.00	.01	.00	.02	.01	.03	.03	.03	.02									.010	15	.04
10										.06	.08	.08	.03			.01	.01	.02	.02	.01	.00	.00	.00	.02	.025	13	.10
11	.01				.03	.03	.01	.00	.00	.01	.03	.03	.04			.01	.01	.01	.01	.01	.00	.04	.04	.04	.018	19	.05
12	.05	.05		.06	.05	.05	.04	.03	.03	.04	.03	.03	.04	.04			.02	.03	.03	.03	.03	.03	.04	.02	.035	21	.06
13	.03	.04		.04	.04	.03	.02	.00	.00	.02	.01	.03	.03	.03	.02	.02	.00	.00	.00	.00	.00	.00	.00	.01	.015	23	.05
14*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.02	.04	.04	.00	.00		.00	.00	.00	.00	.00	.01	.01	.02	.007	22	.15
15*	.01	.00		.01	.00	.00	.01	.01	.00	.01	.02	.03	.04	.04	.04	.03	.02	.01	.01	.00	.00	.00	.00	.01	.012	23	.06
16	.00	.00		.00	.00	.00	.01					.01					.01	.00	.00	.01	.01		.01	.01	.006	14	.06
17	.00	.01			.01	.00	.00	.02	.01	.01							.01	.01	.01	.02	.03	.03	.02	.03	.013	16	.06
18	.03	.03		.01	.01	.01	.01	.00	.01	.01			.03	.02	.02	.02	.01	.00	.01	.00	.00	.00	.00	.00	.010	21	.04
19	.00	.01		.00	.00	.00	.00	.00			.02	.04	.05	.03	.02	.02	.01	.01	.01	.01	.00	.00	.01	.01	.011	21	.05
20	.00	.01		.01	.01	.01	.00	.00			.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.005	21	.02
21*	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00		.01	.01	.00	.00	.00	.01	.01	.01	.01	.02	.01	.00	.004	22	.02
22*	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.04	.04	.03	.02	.00	.00	.00	.00	.00	.00	.00	.009	23	.05
23																											
24											.08	.07	.08	.12	.10	.05	.02	.01	.01	.01	.00	.01	.01	.02	.040	14	.15
25	.01	.00		.00	.01	.01	.00	.00	.01	.01	.03	.05	.06	.05			.02	.01	.01						.017	16	.08
26												.02	.03	.01	.02	.00	.00	.01	.00	.00	.01	.01	.00	.02	.010	13	.04
27	.01	.01			.02	.02	.01	.00	.01	.01	.02	.04	.03	.03			.01								.017	13	.05
28*																											
29*		.00		.00	.00	.00				.01				.04	.04	.02	.01	.00	.01	.01	.01	.00	.00	.00	.008	16	.04
30	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.02	.01	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.003	23	.02
31	.00	.00		.00	.00	.00	.00	.00	.00	.00		.01	.04	.04	.01	.01	.01	.01	.00	.00	.00	.00	.03	.00	.007	22	.08
MEAN	.01	.01		.01	.02	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.015		
NO	24	24		22	26	26	25	24	22	24	23	25	26	25	22	23	28	27	27	26	26	25	26	26		572	
MAX	.05	.05		.06	.05	.05	.06	.03	.03	.06	.08	.08	.08	.12	.10	.05	.03	.03	.03	.04	.04	.05	.04	.04	.040		.15

* Indicates Saturday or Sunday
Local standard time used

TABULATED WED., SEP. 10, 1969

SECTION 4.
SOILING INDEX
DATA TABLES

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SOILING INDEX DATA TABLES

Tables 4-1 through 4-12 present soiling index values at the station by month. Each value was obtained from a 2-hour integrated sample beginning at the time indicated in the column heading. A missing value indicates that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) gives the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries; however, the component 2-hour values for the day are not deleted from the table as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum values for the month are the upper left and lower right figures, respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

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Table 4-I

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — DENVER COLORADO — JAN/68

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	2.5	1.8	1.0	0.6	0.7	1.3	1.0	1.0	1.7	1.4	2.6	1.4	1.46	12	2.6
02	1.3	1.2	0.7	1.1	2.5	1.3	1.6	2.4	3.1	2.4	1.9	1.9	1.82	12	3.1
03	3.4	3.2	3.4	2.9	3.9	1.9	1.3	0.7	1.5	0.4	0.5	1.2	2.04	12	3.8
04	0.5	0.3	0.2	2.5	1.8	1.7	1.2	1.5	1.4	2.7	1.1	1.5	1.40	12	2.7
05	1.4	1.0	0.3	0.6	2.9	2.7	0.9	1.3	1.3	1.4	0.5	0.5	1.29	12	2.9
06	0.2	0.2	1.0	0.8	1.3	0.9	1.5	1.4	0.8	1.4	1.3	1.9	1.11	12	1.9
07	2.2	2.2	2.3	2.2	2.0	3.4	1.6	2.1	2.0	2.3	2.8	3.8	2.5c	12	3.8
08							0.7	1.8	3.3	1.7	1.5	0.9			
09	0.9	0.9	0.5	1.7	1.1	1.2	1.3	1.0	2.7	2.2	1.2	1.7	1.41	12	2.7
10	2.2	2.6	2.9	3.5	5.7	1.8	3.5	2.9	3.8	2.0	1.9	3.3	3.05	12	5.7
11	3.1	2.5	2.9	2.5	2.9	1.1	0.5	0.8	1.7	0.4	0.5	1.0	1.70	12	3.1
12	0.4	0.3	0.5	1.8	1.8	1.8	1.4	1.2	2.6	2.6	1.1	1.5	1.49	12	2.6
13	1.7	0.9	2.2	1.7	1.9	1.3	1.1	2.4	4.0	3.6	1.8	1.6	2.05	12	4.0
14	1.2	0.4	0.6	1.7	0.9	1.0	0.9	0.9	0.9	1.2	0.4	0.5	0.93	12	1.7
15	0.7	1.3		1.2	1.7	1.0	0.9	1.5	2.5	2.3	2.3	3.0	1.70	11	3.0
16	2.4	1.3	0.5	1.4	2.6	1.4	1.7	2.0	3.2	3.7	3.2	1.4	2.11	12	3.7
17	1.2	0.5	1.2	1.3	3.6	3.1	1.8	0.9	1.0	0.7	0.6	0.6	1.41	12	3.6
18	0.3	0.0	0.4	1.4	1.1	0.8	0.8	1.1	2.9	2.1	1.1	1.3	1.16	12	2.9
19	2.2	0.3	0.6	1.7	1.5	0.9	1.2	1.8	2.3	2.4	1.6	0.8	1.48	12	2.4
20	0.9	0.8	1.4	1.6	0.9	1.5	1.5	0.7	1.9	3.2	0.7	0.6	1.35	12	3.2
21	1.8	0.2	0.6	0.5	0.4	0.1	0.6	1.1	1.9	1.4	1.3	1.3	0.97	12	1.9
22	0.5	1.4	1.1		1.2	2.1	1.5	1.2	1.2	0.6	0.8	0.1	1.10	11	2.1
23	0.4	0.4	0.3	1.8	0.9	0.9	0.9	1.5	2.3	2.1	0.5	1.0	1.13	12	2.3
24	0.5	0.4		1.4	1.3	1.2	1.0	1.3	2.3	1.6	1.2	0.7	1.21	11	2.3
25	0.4	0.5	0.2	1.2	1.8	1.4	1.3	0.7	1.2	0.5	0.8	0.8	0.95	12	1.8
26	0.3	0.1	0.4	1.3	1.5	0.9	1.0	0.9	1.2	0.6	0.8	0.5	0.83	12	1.5
27	0.4	0.3	0.9	0.7	1.2	1.5	0.8	1.4	0.4	1.1	0.9	1.0	0.91	12	1.5
28	1.1	1.3	1.0	1.6	1.4	0.7	0.2	0.5	0.8	1.5	0.5	0.6	0.96	12	1.6
29	0.1	0.1	0.4	2.1	2.2	1.1	0.9	1.2	1.6	1.4	0.9	1.2	1.14	12	2.2
30	1.8	2.0	1.5	5.6	4.3	1.7	1.0	1.3	3.1	2.9	1.1	0.2	1.99	12	4.3
31	0.4	0.5	0.4	1.4	2.1	0.5	0.9	1.2	1.5	0.7	0.0	0.5	0.88	12	2.1
AVG	1.23	0.96	1.05	1.61	1.99	1.40	1.19	1.33	1.96	1.76	1.19	1.24	1.41		
N(3)	30	30	28	29	30	30	30	30	30	30	30	30		357	
MAX*	3.4	3.2	3.4	5.5	5.7	3.4	3.5	2.9	4.0	3.7	3.2	3.8	3.05		5.7

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-2

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
	DENVER COLORADO														FEB/68
01	0.4	0.8	0.7	1.2	0.9		0.5	0.7	1.0	0.4	0.6	0.8	0.78	11	1.2
02	0.2		0.3	1.0	1.5	1.4	2.6	1.8	2.3	0.7	0.5	0.6	1.21	11	2.6
03	1.7	1.4	1.0	6.6	1.5	1.0	1.3	0.8	0.5	0.8	0.7	1.0	1.22	12	2.6
04	0.9	0.1	0.4	0.6	0.3	0.2	0.1	0.3	0.8	0.8	2.0	0.8	0.64	12	2.0
05	0.3	0.4		4.3	1.7	1.2	0.7	0.4	1.6	0.9	1.6	1.6	1.10	11	1.7
06	1.0	0.6	1.0	1.1	1.1	0.4	0.5	0.7	0.6	0.7	1.0	0.9	0.83	12	1.1
07	1.3	0.6	1.0	6.4	2.2	1.3	1.3	1.1	1.6	1.5	3.2	2.2	1.68	12	3.2
08	1.7	1.0	1.6	6.6	1.5	0.8	1.0	0.9	1.3	1.0	1.4	1.1	1.36	12	2.6
09	0.8	1.0	0.9	1.9	1.3	3.5	1.1	1.4	1.8	2.2	1.4	0.9	1.55	12	3.5
10	0.8	0.7	0.6	1.1	1.4	1.4	1.3	0.9	0.2	1.6	1.5	0.9	1.07	12	1.6
11	1.0	0.7	0.3	0.5	0.7		0.6	0.5	0.5	1.1	0.3	0.6	0.66	11	1.1
12	0.5	1.2	1.2	2.7		0.5	0.3	0.7	0.6	0.7	0.4	0.7	0.91	11	2.7
13		0.3	1.1	0.7	1.1	1.0	1.0	1.3	1.7	1.3	1.2	1.7	1.16	11	1.7
14	0.7	1.3	1.4	1.8	1.7	1.3	1.1	1.0	2.0	1.1	0.9	1.0	1.32	12	2.0
15	2.7	1.0	3.8	0.8	1.4	2.6		1.7	1.6	1.5	0.9	1.6	1.81	11	3.8
16	2.3	2.6	2.7	6.6	1.7	1.1	1.5	2.0	0.6	1.1	1.2	0.2	1.67	12	2.7
17	0.6	0.7	0.7	4.3	1.0	1.0	1.2	0.8	1.5	1.6	1.4	1.4	1.14	12	1.6
18	1.0	0.8	1.0	4.5	1.6	1.4	0.2	1.0	1.0	0.5	1.8	1.0	1.11	12	1.8
19	0.4	0.2	1.2												
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
AVG	1.05	0.89	1.15	4.53	1.32	1.25	0.95	1.00	1.17	1.08	1.22	1.05	1.13		
N(3)	17	17	17	18	17	16	17	18	18	18	18	18		209	
MAX*	2.7	2.6	3.8	6.7	2.2	3.5	2.6	2.0	2.3	2.2	3.2	2.2	1.81		3.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-3

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	DENVER COLORADO AVG	N (1)	MARCH/68 MAX (2)
01															
02															
03															
04					0.4	0.2	0.6	0.4	0.4	0.5	0.5	0.2	0.47	08	0.6
05	0.9	0.4	0.1	0.1	1.0	0.5	0.1	0.7		0.8	0.2	0.2	0.48	11	1.0
06	0.1	0.4	0.1	0.5	1.4	1.0	0.7	0.4	0.3	0.6	0.5	0.1	0.54	12	1.4
07	0.4	0.4	0.1		2.4	2.8	1.2	1.3	1.8	0.7	0.9	0.3	1.15	11	2.8
08	0.3	0.3	0.5	0.6	1.3	0.8	0.9	0.2	1.0	1.2	0.4	0.3	0.69	12	1.3
09	0.2	0.4	0.4	0.9	0.8	0.9	1.6	0.8	0.5	0.9	0.5	0.2	0.76	12	1.6
10	0.5	0.2			0.7	0.4	0.7	1.0	1.2	1.7	0.9	1.0	0.89	10	1.7
11	0.5	0.5	0.3	0.6	1.3	1.2	0.6	0.9	1.4	0.6	0.7	0.7	0.82	12	1.4
12	0.4	0.2	0.6	0.8	2.4	1.2	0.7	1.4	2.1	0.9	1.3	1.2	1.13	12	2.4
13	0.8	0.5	0.4	1.0	1.3	0.9	1.3	0.6	1.3	1.9	1.3	1.0	1.06	12	1.9
14	0.3	0.7	0.1	1.2	0.8	1.1	0.6	0.6	1.7	0.4	0.4	0.4	0.73	12	1.7
15	0.3	0.5	0.4	1.3	0.4	0.9	0.5	0.8	1.0	0.6	0.7	0.3	0.68	12	1.3
16	0.6	0.6	0.4	1.6	1.8	1.5	1.6	0.7	0.8	1.2	1.4	1.4	1.17	12	1.8
17	1.0	0.2		0.6	0.8	0.1	0.4	0.0	0.8	0.2	0.4	0.4	0.48	11	1.0
18	1.2	1.3				1.2	0.3	0.5	0.6	0.8	0.6	1.0	0.86	09	1.3
19	0.3	0.6	0.9	0.7	1.2	0.5	0.6	0.5	0.6	1.8	0.6	0.1	0.74	12	1.8
20	0.7	0.2	0.8	1.6	1.4	0.7	0.8	0.6	1.6	1.0	0.4	0.5	0.90	12	1.6
21	0.4	0.2		0.9	1.0	0.7	0.7	0.9	0.9	0.7	0.3	0.8	0.70	11	1.0
22	0.2	0.2		0.9	0.5	0.7	0.7	1.4	1.1	0.5	1.0	0.9	0.78	11	1.4
23	0.6	0.4	0.4	0.5	0.8	0.6	0.5	0.4	0.8	0.8	0.7	0.8	0.61	12	0.8
24	0.4	0.8	0.7	0.5	0.4	0.6	0.2	0.5		0.5	0.6	0.0	0.51	11	0.8
25	0.2	0.3	0.7	0.1	0.8	0.6	0.5	0.4	0.7	0.8	0.9	0.5	0.58	12	0.9
26	0.4	0.2	0.1		0.3	0.6	0.5	0.5	0.8	0.3	0.3	0.7	0.48	11	0.8
27			0.4	1.2	0.8	0.4	0.4	0.6	1.0	0.7	0.3	1.2	0.76	10	1.2
28	0.8	0.2	0.3	1.3	1.4	0.7	0.5	0.8	0.4	1.0	0.4	0.2	0.70	12	1.4
29	0.4	0.4	0.6	0.9	1.4	0.6	0.2	0.4	1.0	1.3	0.6	1.0	0.78	12	1.4
30	0.4		0.2	0.4	1.1	0.7	0.6	0.7	0.1	0.9	0.3	0.4	0.58	11	1.1
31	0.4														
AVG	0.48	0.42	0.45	0.82	1.07	0.81	0.66	0.66	0.95	0.86	0.63	0.58	.68		
N(3)	26	25	22	22	26	27	27	27	25	27	27	27		305	
MAX*	1.2	1.3	0.9	1.6	2.4	2.8	1.6	1.4	2.1	1.9	1.4	1.4	1.17		2.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
*, MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-4

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — DENVER COLORADO — APRIL/68

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
AVG N(3)														000	
MAX*													.0		0.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-5

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DENVER COLORADO

MAY/68

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21						0.3	0.5	0.2	0.3	0.2	0.2	0.3	0.32	07	0.5
22	0.4	0.1	0.2	0.6	0.0	0.2	0.6	0.1	0.5	0.3	0.4	0.1	0.41	12	0.9
23	0.1	0.1		0.5	0.5	0.2	0.4	0.6	0.0	0.6	0.5		0.40	10	0.6
24	0.2	0.2	0.4	1.0	0.0	0.1	0.7	0.7	0.8	0.4	0.2	1.0	0.60	12	1.0
25	0.5	0.2	0.8	0.8	0.3	0.5	0.4	0.4	0.0	0.1	0.4	0.4	0.43	12	0.8
26	0.1	0.1		0.4	0.2	0.5	0.3	0.4	0.0	0.5		0.1	0.30	10	0.5
27	0.3	0.2	0.2	1.0	0.3	0.2	0.3	0.3	0.3	0.5	0.2	0.5	0.41	12	1.0
28	0.4	0.3	0.7	1.2	0.7	0.4	0.3	0.7	0.3	0.0	0.5	0.2	0.51	12	1.2
29	0.4	0.2	0.5	0.8	1.1	0.6	0.6	0.6	0.7	0.5	0.7	0.6	0.65	12	1.1
30	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.2		0.4	0.5		0.32	10	0.5
31	0.1	0.4	0.4	0	0.5	0.6	0.3	0.5	0.2	0.4	0.2	0.4	0.42	12	0.6
AVG															
N(3)														121	
MAX*													.65		1.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-6

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — DENVER COLORADO — JUNE/68

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.2	0.3	0.1	0.5	0.3	0.6	0.2	0.4	0.3	0.4	0.4	0.4	0.39	12	0.6
02	0.6	0.3	0.5	0.2	0.0	0.2	0.2		0.1	0.5	0.3		0.34	10	0.6
03	0.2	0.2	0.3	0.9	0.4	0.6	0.3	0.6	0.3	0.3	0.3	0.4	0.46	12	0.9
04		0.2	0.9	1.1	0.4	0.3	0.1	0.4	0.4	0.2	0.4	0.3	0.50	11	1.1
05	0.3	0.4	0.5	1.0	0.0	0.6	0.7	0.7	0.5	0.4	0.7	0.7	0.64	12	1.0
06	0.6		0.6	0.9	1.0	0.2	0.6	0.6	1.0	0.0	0.4		0.63	10	1.0
07	0.7	0.3	0.8	0.8	0.9	0.6	0.8	1.3	0.9	0.3	0.6	0.6	0.75	12	1.3
08	0.5		0.4	0.6	0.7	0.2	0.2	0.8	0.0	0.5	0.1	0.6	0.46	11	0.8
09	0.3	0.3	0.3	0.2		0.3	0.1	0.4	0.4	0.0	0.5	0.2	0.32	11	0.5
10	0.1	0.1	0.7	0.9	0.7	0.1	0.3	0.8	0.6		0.2	0.5	0.50	11	0.9
11	0.2	0.2	0.3	1.3	0.6	0.4	0.2	0.6	0.4	0.4	0.3	0.6	0.50	12	1.3
12	0.4	0.2	0.4	1.0	0.8	0.4	0.5	0.4	0.3	0.3	0.4	0.1	0.47	12	1.0
13	0.5	0.3	0.3	0.8	0.8	0.4	0.4	0.6	0.2	0.3	0.1	0.6	0.47	12	0.8
14	0.2	0.2	0.2	0.6	0.9		0.6	0.7	0.7	0.2	0.2	0.2	0.47	11	0.9
15	0.3		0.4	0.4	0.3	0.2	0.4	0.1	0.1	0.3	0.5	0.1	0.33	11	0.5
16	0.4	0.2	0.3	0.5	0.4	0.2	0.1	0.1	0.6	0.0		0.3	0.31	11	0.6
17	0.1		0.4	1.0	0.1										
18															
19															
20															
21															
22															
23															
24					0.2	0.2	0.4	0.5			0.1	0.0			
25			0.3	0.1	0.4		0.1	0.2	0.0	0.0			0.20	07	0.4
26		0.0	0.1	0.4	0.2	0.2	0.4	0.2	0.2	0.3	0.2	0.1	0.25	11	0.4
27	0.2	0.4		0.3	0.3		0.2	0.1	0.0	0.1	0.3	0.1	0.24	10	0.4
28	0.1	0.2	0.3	0.6	0.2	0.2	0.4		0.3	0.0	0.4	0.3	0.31	11	0.6
29	0.2	0.3	0.3	0.4	0.2	0.2		0.0	0.0	0.2	0.1	0.3	0.24	11	0.4
30		0.2	0.0				0.4	0.2	0.3	0.2	0.0	0.0	0.21	08	0.4
AVG	0.32	0.23	0.38	0.64	0.53	0.32	0.34	0.46	0.34	0.23	0.30	0.32	.37		
N(3)	19	18	21	21	20	19	21	20	22	21	21	20		239	
MAX*	0.7	0.4	0.9	1.3	1.0	0.6	0.8	1.3	1.0	0.5	0.7	0.7	.75		1.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-7

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DENVER COLORADO

JULY/68

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.2	0.1			0.0	0.1	0.1	0.1	0.3	0.1	0.1	0.3	0.18	10	0.3
02	0.2	0.1	0.0	0.2	0.3	1.2	0.3	0.3	0.4	0.1		0.2	0.35	11	1.2
03	0.2	0.3	0.9	1.5	0.7	0.4	0.7	0.4	0.2	0.5	0.6	0.4	0.61	12	1.5
04	0.3	0.4	0.8	0.6	0.3	0.4	0.4	0.2	0.3	0.1	0.2		0.40	11	0.8
05	0.3	0.2	0.7	0.3	0.1	0.4	1.0	0.6	0.9	0.7	0.8	0.1	0.50	12	1.0
06	0.2	0.5	0.2	0.9	0.3	0.3	0.4	0.3	0.3	0.2	0.7	0.3	0.41	12	0.9
07	0.4	0.2	0.1	0.5	0.1	0.1		0.2	0.5	0.2	0.2	0.2	0.27	11	0.5
08	0.7	0.4	0.6	1.0	0.5	0.6	0.2	0.4	0.1	0.0		0.4	0.50	11	1.0
09		0.4	0.1	0.8	1.0	0.4	0.3	0.6	0.2	0.3	0.1	0.2	0.44	11	1.0
10	0.3	0.1	0.7	1.3	1.0	0.6	0.1	0.6		0.1	0.4	0.4	0.55	11	1.3
11	0.1	0.1	0.4	0.7	0.7	0.4	0.8	0.4	0.4	0.1	0.1	0.3	0.41	12	0.8
12	0.4		0.2	0.8	0.6	0.5	0.2	0.7	0.6	0.2	0.3	0.1	0.46	11	0.8
13	0.4	0.2	0.2	0.7	0.3	0.5	0.6	0.3		0.4	0.2	0.3	0.41	11	0.7
14		0.0	0.1		0.4	0.3		0.2	0.2	0.4	0.5	0.3	0.32	09	0.5
15	0.4		0.7	1.3	1.0	0.7	0.4	0.6	0.1	0.5	0.3	0.5	0.63	11	1.3
16	0.3		0.3	1.1	0.2	0.4	0.3	0.5	0.5	0.4	0.4	0.6	0.49	11	1.1
17	0.6	0.3	0.4	1.1	0.4	0.3	0.4		0.5	0.4	0.4	0.5	0.52	11	1.1
18	0.5		0.3	0.8	0.7	0.1	0.4	0.7	0.8	0.9	0.7	0.3	0.60	11	0.9
19	0.2	0.0	0.0	0.6	1.0	0.5	0.3	0.5	0.6	0.4	0.2	0.5	0.45	12	1.0
20	0.3	0.2	0.1	0.8	0.2	0.5	0.4	0.2	0.2	0.2	0.5	0.5	0.38	12	0.8
21	0.1		0.5	0.6	0.2	0.2	0.1	0.1	0.0	0.3		0.4	0.29	10	0.6
22	0.2	0.1	0.0	0.6	0.4	0.4	0.4	0.8	0.3	0.4	0.2	0.7	0.41	12	0.8
23	0.1	0.4	0.3	1.4	0.6	0.6	0.5	0.4	0.5	0.3		0.7	0.57	11	1.4
24	0.2	0.3	0.3	1.3	0.3	0.2	0.6	0.4	0.5	0.5	0.4	0.1	0.46	12	1.3
25	0.2	0.0	0.8	0.8			0.4	0.3	0.6		0.5	0.4	0.49	09	0.8
26	0.1	0.9	1.1	0.5	0.5	0.3	0.6	0.5	0.5	0.0	0.3	0.4	0.52	12	1.1
27	0.2	0.1	0.3	0.2	0.4	0.2	0.3	0.2		0.4	0.2	0.2	0.29	11	0.4
28	0.4	0.3	0.4	0.5								0.4	0.49	07	0.8
29					0.8	0.3	0.1	0.7	0.5	0.3		0.3	0.55	12	1.3
30	0.2	0.2	0.5	1.3	0.8	0.2	0.9	0.5	0.5	0.5	0.3				
31	0.4	0.0	0.2	1.0	0.5	0.1	0.3	0.4	0.5	0.0	0.8	0.4	0.42	12	1.0
AVG	0.28	0.23	0.36	0.82	0.49	0.38	0.41	0.41	0.40	0.30	0.37	0.35	.40		
N(3)	28	25	29	28	29	29	28	29	27	29	25	29		331	
MAX*	0.7	0.9	1.1	1.5	1.0	1.2	1.0	0.8	0.9	0.9	0.8	0.7	.63		1.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 5.0 UNDERESTIMATE ACTUAL VALUE

Table 4-8

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH — TIME (STARTING HOUR) — DENVER COLORADO — AUG/68

DAY OF MONTH	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.1	0.1	1.7	1.2	0.7	0.4	0.1	0.1	0.6	0.4	0.3	0.0	0.53	12	1.7
02	0.4	0.3	0.9	1.8	1.5	0.7	0.6	0.5	0.4	0.3	0.3	0.4	0.72	12	1.8
03		0.1		0.5	0.1	0.2	0.2	0.4	0.6	0.3	0.3	0.5	0.37	10	0.6
04	0.1	0.6	0.3	0.3	0.7	0.3	0.1	0.2	0.4	0.4	0.3	0.1	0.32	12	0.6
05	0.1	0.1	0.4	0.8	1.3	0.5	0.7	0.4	0.6	0.8	0.4	0.3	0.60	12	1.3
06	0.1	0.3	0.9	1.1	0.6	0.3	0.6	0.6	0.3	0.2	0.5	0.4	0.54	12	1.1
07	0.1	0.6	0.5	1.2	1.1	0.6	0.3	0.6	0.7				0.67	09	1.2
08															
09															
10															
11															
12					0.7	0.7	0.3	0.4	0.0		0.3	0.1	0.38	07	0.7
13		0.1	0.2	0.3	0.6	0.6	0.6	0.4	0.7	0.2	0.4	0.3	0.44	11	0.7
14	0.4	0.4	0.6	0.6	0.5	0.3	0.5	0.9	0.7	0.5	0.2	0.1	0.52	12	0.9
15	0.1		0.6	0.8	0.7	0.4	0.2	0.5	0.3	0.4	0.8	0.2	0.45	11	0.8
16	0.4	0.2	0.6	0.9	0.6	0.3	0.4	0.3	0.6	0.1	0.2	0.3	0.43	12	0.9
17	0.4	0.4	0.2	0.4	0.5	0.6	0.3	0.3	0.2	0.1	0.4	0.3	0.39	12	0.6
18	0.9	0.9	0.9	0.2	0.3	0.3	0.5	0.2	0.4	0.7	0.5	0.4	0.56	12	0.9
19	0.4	0.4	1.0	1.7	0.8	0.2	0.3	0.7	0.6	0.5	0.2	0.5	0.65	12	1.7
20	0.1	0.6	1.1	1.7	0.8	0.6	0.6	0.4	0.6	0.4	0.1	0.8	0.67	12	1.7
21	0.5		0.6	0.6	0.7	0.4	0.5	0.4	0.6	0.8	0.6	0.3	0.58	11	0.8
22	0.2	0.4	0.8	1.2	0.7	0.3	0.3	0.4	0.2		0.4	0.1	0.50	11	1.2
23	0.2	0.3	0.1	1.2	0.3	0.4		0.4		0.1	0.3	0.1	0.39	10	1.2
24	0.3	0.1	0.1	0.2	0.2	0.1	0.3		0.1	0.5	0.1	0.3	0.24	11	0.5
25	0.3	0.1	0.1	0.3	0.1	0.2		0.4		0.1	0.4		0.27	09	0.4
26	0.3	0.2	0.0	0.9	0.5	0.2		0.3	0.2	0.0	0.1	0.1	0.29	11	0.9
27		0.3	0.2	0.3	0.4	0.2	0.9	0.7	0.1	0.2	0.2	0.5	0.39	11	0.9
28	0.8	0.2	0.7	1.2	0.4	0.5	0.2	0.3	0.6	0.2	0.3	0.3	0.47	12	1.2
29	0.2	0.3	0.2	1.1	0.5	0.3	0.7	0.5	0.5	0.2	0.5	0.3	0.48	12	1.1
30	0.4	0.3	1.2	1.5	1.0	0.7	0.3	0.4	0.3	0.9	0.5	0.6	0.71	12	1.5
31	0.6	0.4	0.4	0.7	0.3	0.2	0.5	0.2	0.4	0.3	0.7	0.6	0.48	12	0.7
AVG	0.32	0.32	0.55	0.87	0.57	0.38	0.41	0.41	0.42	0.35	0.35	0.31	.42		
N(3)	23	24	25	26	27	27	24	26	25	24	26	25		302	
MAX*	0.9	0.9	1.7	1.8	1.5	0.7	0.9	0.9	0.7	0.9	0.8	0.8	.72		1.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-9

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DENVER COLORADO SEPT/68

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.4	0.3	0.3	0.2	0.1	0.2	0.2	0.2	0.4	0.5	0.0	0.3	0.32	12	0.5
02			0.1	0.3	0.2	0.3	0.5	0.0	0.3	0.2	0.0	0.3	0.26	10	0.5
03		0.2	0.1	0.3	1.2	0.5	0.9	1.0	0.9	0.5	0.5	0.4	0.62	11	1.2
04	0.2	0.3	0.4	1.6	1.0	0.9	0.8	0.5	0.1	0.3	0.5	0.7	0.68	12	1.6
05	0.5	0.1	0.4	1.3	0.5	0.3	0.4	0.6	0.2	0.3	0.4	0.5	0.50	12	1.3
06	0.2	0.2	0.7	0.9	0.4	0.1	0.5	0.3	0.5	0.4	0.5	1.1	0.54	12	1.1
07	0.2	0.2	0.4	0.2	0.5	0.4	0.3	0.2		0.8	0.4	0.2	0.40	11	0.8
08	0.4	0.5	0.0	0.5	0.5	0.4		0.3	0.4	0.6	0.6	0.9	0.49	11	0.9
09	0.5	0.3	0.8	2.0	1.7	1.3	0.9	0.3	0.7	0.9	0.6	1.2	0.97	12	2.0
10	0.5	0.2	1.1	1.6	1.4	0.6	0.3	0.7	0.6	0.7	0.5	0.5	0.76	12	1.6
11	0.1	0.2	1.2	1.6	0.7	0.2	0.5	0.1	0.7	0.8	0.5	0.6	0.65	12	1.6
12	0.6	0.3	0.4	2.2	0.4	0.4	0.8						0.79	07	2.2
13					1.1	0.1	1.3	0.8	1.1	0.4	0.6	0.5	0.79	08	1.3
14	0.5	0.1	0.2	0.6	0.4	0.4	0.4		0.7	0.4	0.6	0.3	0.47	11	0.7
15	0.6	0.6	0.5	0.5	0.2	0.2		0.6	0.4		0.4	0.4	0.47	10	0.6
16	0.2	0.3	0.7	0.7	0.5	0.7	0.3	0.9	0.5	0.2	0.6	0.5	0.55	12	0.9
17	0.5	0.2	0.5	0.7	0.4	0.8	0.3	0.7	0.1	0.7	0.6	0.9	0.57	12	0.9
18	0.4	0.8	0.3	1.5	1.5	0.3	0.5	0.6	0.4	0.6	0.7	0.8	0.74	12	1.5
19	0.3	0.5	0.7	1.5	1.0	0.4	0.2	0.6	0.5	0.3	0.5	0.6	0.62	12	1.5
20	0.3	0.5	0.6	1.9	1.4	0.9	0.9	0.4	0.5	0.4	0.6	0.3	0.76	12	1.9
21	0.3	0.1	2.0	1.4	1.1	0.5	0.4	0.9	0.6	0.5	0.2	0.1	0.72	12	2.0
22	0.6	0.2	0.4	0.1	0.4	0.2	0.2	0.1	0.3	0.3	0.4		0.35	11	0.6
23	0.3		0.7	0.7	0.7	0.3	0.3	0.5	0.4	0.8	1.2	0.7	0.59	11	1.2
24	0.2	0.2	0.2	1.1	0.4	0.0	0.4	0.5	0.8	0.1	0.5	0.3	0.43	12	1.1
25	0.1	0.1	0.5	0.8	0.8		0.2	0.8	0.2	0.5	0.8	0.3	0.52	11	0.8
26	0.3	0.1	0.7	1.4	0.5	0.5	0.4	0.4	0.4	0.6	0.8	0.5	0.60	12	1.4
27	0.6	0.2	0.3	1.5	0.8	0.1	0.1	0.5	0.9	0.9	0.6	0.7	0.64	12	1.5
28	0.6	0.4	0.4	1.2	0.8	0.2		0.2	0.5	0.2	0.3	0.1	0.49	11	1.2
29	0.3			0.1	0.0	0.4	0.4	0.2	0.3	0.4	0.4	0.1	0.31	10	0.4
30		0.7	0.4	0.8	1.0	0.5	0.1	0.9	0.6	1.0	1.4	0.8	0.78	11	1.4
AVG	0.37	0.30	0.54	1.00	0.72	0.41	0.46	0.49	0.50	0.51	0.54	0.52	.53		
N(3)	26	26	28	29	30	29	27	28	28	28	29	28		336	
MAX*	0.6	0.8	2.0	2.2	1.7	1.3	1.3	1.0	1.1	1.0	1.4	1.2	.97		2.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GRFATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-10

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DENVER COLORADO

OCT/68

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.6	0.5	0.5	1.3	0.5	0.4	0.5	0.3	0.5	0.1	0.6	0.6	0.57	12	1.3
02	0.4	0.4	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.1	0.5	0.5	0.46	12	0.6
03	0.1	0.2	0.4	0.7	0.6	0.7	0.4	1.0	0.7	0.7	0.5	0.8	0.61	12	1.0
04	0.5	0.5	0.6	0.9	0.9	1.0	0.8	0.9	0.9	0.2	0.4	0.5	0.72	12	1.0
05	0.6	0.2	0.6	0.4	0.3	0.3	0.3	0.1	0.6	0.7	0.6	0.4	0.47	12	0.7
06	0.3	0.2	0.2	0.4	0.2	0.4	0.5	0.5	0.5	0.8	0.8	0.5	0.48	12	0.8
07	0.4	1.0	1.0	1.9	0.8	0.2	0.4	1.0	0.7	0.3	0.4	0.5	0.76	12	1.9
08	0.1	0.1	0.4	0.8	0.6	0.6	0.7	1.4	1.0	0.5	0.4	0.2	0.59	12	1.4
09		0.4	0.2	1.2	0.7	0.5	0.3	0.4	0.9	0.3	0.4	0.3	0.55	11	1.2
10	0.1	0.7	0.6	1.8	1.7	1.2	1.0	0.6	1.3	1.4	0.7	0.7	1.02	12	1.8
11		0.5	0.8	1.8	0.9	0.9	0.3	0.6	0.9	0.4	0.8	1.5	0.88	11	1.8
12	1.5	0.5	0.7	1.4	1.0	0.9	0.6	0.4	0.6	1.3	1.4	0.6	0.94	12	1.5
13	0.6	0.5	0.1	0.4	0.5	0.5		0.5	0.5	0.5	0.7	0.5	0.52	11	0.7
14	0.2		0.4	0.8	0.8	0.1	0.6	0.4	1.0	0.5	0.4	0.3	0.55	11	1.0
15	0.5	0.2	0.7	1.3	0.6	0.9	0.9	1.0	1.1	0.3	0.0	0.3	0.68	12	1.3
16	0.6	0.1	0.7	2.0	0.9	0.3	0.5	0.9	0.3	0.5	0.2	0.5	0.68	12	2.0
17	0.4	0.2	0.2	1.7	0.7	0.6	0.3	0.9	0.6	0.4	0.4	0.6	0.63	12	1.7
18	0.5	0.5	1.0	1.2	1.2	0.8	0.7	0.9	1.3	1.6	0.8	1.0	0.99	12	1.6
19	1.2	0.6	1.9	1.9	0.9	0.6	0.4	0.3					1.02	08	1.9
20															
21					1.1	0.6	0.4	1.3	0.4	0.6	0.4	0.5	0.70	08	1.3
22	0.3	0.4	1.5	2.8	1.4	1.1	0.9	0.8	0.6	0.1	0.6	0.4	0.96	12	2.8
23	0.2	0.5	0.5	2.0	0.9	0.4	0.4	0.8	1.1	0.5	0.6	0.4	0.74	12	2.0
24	0.8	0.4	0.9	2.2	0.9	0.5	0.6	0.9	1.7	2.1	1.4	0.8	1.14	12	2.2
25	0.7	0.5	1.1	2.1	1.3	0.9	0.7	1.6	3.0	2.6	1.0	1.1	1.42	12	3.0
26	0.9	0.5	0.4	1.6	2.1	1.0	0.8	1.1	0.5	0.9	0.8	0.4	0.97	12	2.1
27	0.3	0.3	0.8	0.7	0.7	0.3	0.5	0.7	0.4	1.6	0.8	1.7	0.75	12	1.7
28	1.3	0.3	0.6	1.6	2.2	0.9	0.7	0.8	1.2	1.6	0.9	0.9	1.13	12	2.2
29	0.7	0.2	0.6	1.1	1.7	0.8	0.0	0.8	1.8	1.5	1.0	0.9	0.99	12	1.8
30	1.1	0.1	0.2	0.9	1.5	0.8	0.6	0.9	1.5	0.5	1.0	0.6	0.85	12	1.5
31	0.2	0.4	0.3	1.0	0.6										
AVG	0.57	0.38	0.65	1.33	0.97	0.64	0.54	0.76	0.92	0.80	0.66	0.64	.73		
N(3)	26	27	28	28	29	29	28	29	28	28	28	28		336	
MAX*	1.5	1.0	1.9	2.8	2.2	1.2	1.0	1.6	3.0	2.6	1.4	1.7	1.42		3.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-11

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DENVER COLORADO

NOV/68

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04					3.3	1.2	0.6	0.7	1.9	0.6	0.5	0.9	1.26	08	3.3
05	1.3	0.6	0.6	1.3	0.9	0.6	0.7	0.7	1.0	0.3	0.5	0.1	0.74	12	1.3
06	0.2			0.3	1.2	0.4	0.8	0.8	1.6	0.8	0.5	0.4	0.75	10	1.6
07	0.5	0.6	0.6	0.8	1.4	1.5	0.9	1.7					1.04	08	1.7
08															
09															
10															
11						1.7	0.4	0.9	0.9	1.0	1.4	0.7	1.03	07	1.7
12	0.8	0.6	0.6	1.0	1.6	0.5	1.0	1.2	0.9	1.3	0.6	0.3	0.91	12	1.6
13	1.1	0.8	0.4	1.2	0.9	0.5	0.3	1.3	2.4	0.3	0.4	0.1	0.86	12	2.4
14	0.3	0.2	0.4	1.2	1.1	1.0	1.2	1.2	2.2	0.8	1.1	0.8	1.00	12	2.2
15	0.7	1.1	0.8	1.8	1.9	2.6	2.7	2.9	3.5	2.2	2.2	2.8	2.13	12	3.5
16	1.8	0.8	1.7	1.4	0.8	0.6	0.4	0.7	0.6	0.3	0.6	0.9	0.93	12	1.8
17	0.9	0.2	0.5	0.1	0.8	0.3	0.6	0.3	0.4	0.8	0.5	1.0	0.59	12	1.0
18	0.4		0.9	0.9	1.4	1.3	1.5	1.5	2.8	2.3	2.8	0.8	1.57	11	2.8
19	0.9	1.4	1.3	2.4	2.4	1.1	0.6	1.0	2.4	1.3	1.0	0.9	1.45	12	2.6
20	0.4	0.5	1.0	3.9	4.7	1.8	2.8	2.8	6.8	5.0	1.6	1.3	2.75	12	6.8
21	1.1	0.8	1.1	1.9	1.9	1.1	0.5	1.0	3.4	2.3	2.9	2.4	1.74	12	3.4
22	1.8	0.7	0.5	1.5	2.2	1.5	2.0	1.4	1.3	0.7	0.6	2.7	1.44	12	2.7
23	1.1	1.8	0.3	0.7	0.7	0.6	0.4	0.6	0.8	1.1	0.6	1.4	0.88	12	1.8
24	0.9	0.8	0.6	0.8	0.1	2.4	0.8	0.7	0.7	1.3	1.6	1.6	1.07	12	2.4
25	1.6	0.9	1.1	3.4	3.9	0.3	0.6	0.7	0.7	0.4	0.8	0.4	1.28	12	3.9
26	0.6	0.5	0.6	2.1	1.8	0.7	0.8	0.9	2.4	2.5	1.4	1.3	1.33	12	2.5
27	1.9	0.7	0.6	1.4	2.3	2.3	1.4	1.7	3.1	1.7	0.3	1.0	1.57	12	3.1
28	0.4	0.5	0.6	0.4	0.1	0.3	0.5	0.7	0.4	0.8	1.1	1.5	0.65	12	1.5
29	0.6	0.3	0.6	1.0	1.8	1.3	0.8	0.9	3.4	1.2	1.2	1.4	1.24	12	3.4
30	0.6	0.5	0.5	0.7	0.8	0.6	0.8	1.5	2.1	2.3	2.3	1.8	1.25	12	2.3
AVG	0.87	0.70	0.70	1.35	1.65	1.09	0.96	1.15	1.98	1.36	1.15	1.15	1.17		
N(3)	23	21	22	23	23	24	24	24	23	23	23	23		272	
MAX*	1.9	1.8	1.7	3.9	4.7	2.6	2.8	2.9	6.8	5.0	2.9	2.8	2.75		6.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 4-12

TABULATED 09/17/69

CONTINUOUS AIR MONITORING PROGRAM
AISI SPOT (COH/1000 LIN.FT.)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	DENVER COLORADO DEC/68 N (1)	MAX (2)
01	0.7	0.6	0.5	0.8	0.5	0.5	0.2	0.3	0.7	1.0	1.5	0.7	0.69	12	1.5
02	0.5	0.8	1.3	2.2		0.2	0.5	0.8	1.3	2.2	2.8	2.1	1.39	11	2.8
03	0.1	0.2		1.2	1.0	0.4	0.9	1.1	1.4	0.6	0.4	0.3	0.75	11	1.4
04	0.8	0.5	0.4	0.5	2.0	0.6	0.7	1.0	1.4	0.4	0.6	0.5	0.83	12	2.0
05		0.3	0.7	1.2	1.6	1.5	1.7	1.3	3.3	2.0	1.3	0.4	1.43	11	3.3
06	0.8	0.5	0.1	2.1	1.8	0.9	0.7	1.1	1.5	0.4	0.7	0.4	0.96	12	2.1
07	0.4	0.1	0.3	0.2	0.4	1.0	1.0	1.2	1.5	1.8	1.9	2.0	1.04	12	2.0
08	1.8	1.4	1.0	0.8	0.4	0.4	0.8	0.3	0.5	0.9	0.8	0.9	0.88	12	1.8
09	0.7	0.9	0.9	1.3	1.4	1.8	1.4	1.0	3.1	2.8	1.4	1.1	1.53	12	3.1
10	1.0	1.4	1.7	4.1	0.7	0.8	0.8	2.0	4.3	2.9	0.8	1.1	1.83	12	4.3
11	0.3	0.0	0.6	0.9	1.3	0.7	0.4	0.6	1.2	0.6	0.3	0.5	0.67	12	1.3
12	0.4		0.2	0.6	0.6	0.7	0.5	0.5	0.7	0.5	0.3	0.0	0.50	11	0.7
13	0.3	0.1		1.4	1.0	0.7	0.4	0.9	2.0	0.7	1.4	2.6	1.09	11	2.6
14	2.4	2.4	2.9	1.7	1.8	2.4	2.6	1.5	1.5	2.0	2.5	3.5	2.31	12	3.5
15	2.4														
16						1.5	1.3	2.1	2.9	2.7	2.6	2.2	2.24	07	2.9
17	2.3	2.8	2.2	3.3	2.8	1.4	0.6	1.2	1.9	1.3	0.8	0.4	1.80	12	3.3
18	0.3	0.2	0.4	0.6	1.2	1.9	1.1	0.6	2.1	1.2	1.5	1.2	1.05	12	2.1
19	0.7	0.8	0.7	1.6	1.4	1.1	0.7	3.1	2.4	1.8	1.3	1.8	1.48	12	3.1
20	0.9	0.2	0.5	1.7	0.3	1.4	1.2	1.1	1.5	2.2	0.7	1.1	1.10	12	2.2
21	0.8	0.5	1.1	0.6	1.5	1.3	1.0	0.9	0.9	0.8	0.5	0.7	0.93	12	1.5
22	0.6	0.7	0.5	0.8	0.7	1.0	0.3	0.2	0.3	0.6	1.1	1.0	0.68	12	1.1
23	2.0	1.1	0.4	1.5	1.0	2.4	2.7	2.8	4.3	3.9	2.0	1.2	2.22	12	4.3
24	1.4	2.2	1.9	3.4	3.2	3.1	1.6	1.9	2.2	1.6	1.8	2.2	2.25	12	3.4
25	1.3	1.4	0.5	0.7	1.0	1.5	1.0	0.4	1.7	1.3	1.7	0.4	1.12	12	1.7
26	0.2	0.3	1.8	3.2	2.7	1.4	0.9	1.5	2.9	1.2	0.7	1.0	1.52	12	3.2
27	0.5	0.3	0.4	1.2	1.0	1.4	1.0	0.8	1.0	0.9	0.6	1.0	0.96	12	1.9
28	0.7	0.6	0.8	0.8	1.5	1.4	0.6	0.7	0.6	0.5	0.3	1.8	0.91	12	1.8
29	1.3	0.7	0.2	0.8	0.7	0.4	0.9	0.2	0.9	0.6	0.9	0.6	0.72	12	1.3
30	1.1	0.4	0.4	1.1	1.4	1.3	1.1	1.1	2.9	1.2	0.6	1.2	1.18	12	2.9
31	1.2	1.3	1.3	2.8	2.7	1.0	1.3	1.3	3.1	1.0	1.0	0.8	1.61	12	3.1
AVG	0.96	0.81	0.87	1.48	1.42	1.20	0.99	1.11	1.86	1.38	1.16	1.15	1.21		
N(3)	29	28	27	29	28	30	30	30	30	30	30	30		350	
MAX*	2.4	2.8	2.9	4.1	3.2	3.1	2.7	3.1	4.3	3.9	2.8	3.5	2.31		4.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE